FIELD DATA SHEET 1

Site Information:	(I.V.(A)
Occupant: (b) (6)	Interviewee:
Address:	Harvey 70058
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occ	cupant:
Site Description:	
Description of property (circle): single home; duple: vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; resolution:	dogs; other NONE IN SERVITUDE
3) Underground utilities installed by owner? (circle): now septic tank; other Note location on site sketch.	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no: If yes, note on site sketch. How deep?	don't know
(b) (6)	Acm)—11x12 House of
Estimated Volume of ACM:	
Comments: No rie Aone, 11-12, In (mountain	noth)
Comments: No one home, 11-12, IM (mountain Would like gravel, like is	already in whe vet of the point yest, when
Date/Time of Interview: 11/13/96 14 20	Access Granted (circle): (yes;) no
Team Members: LT/K5	

550

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address:

State/Zip: LA 70058 Phone Number(s):

(b) (6)

Harvey Deceases

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

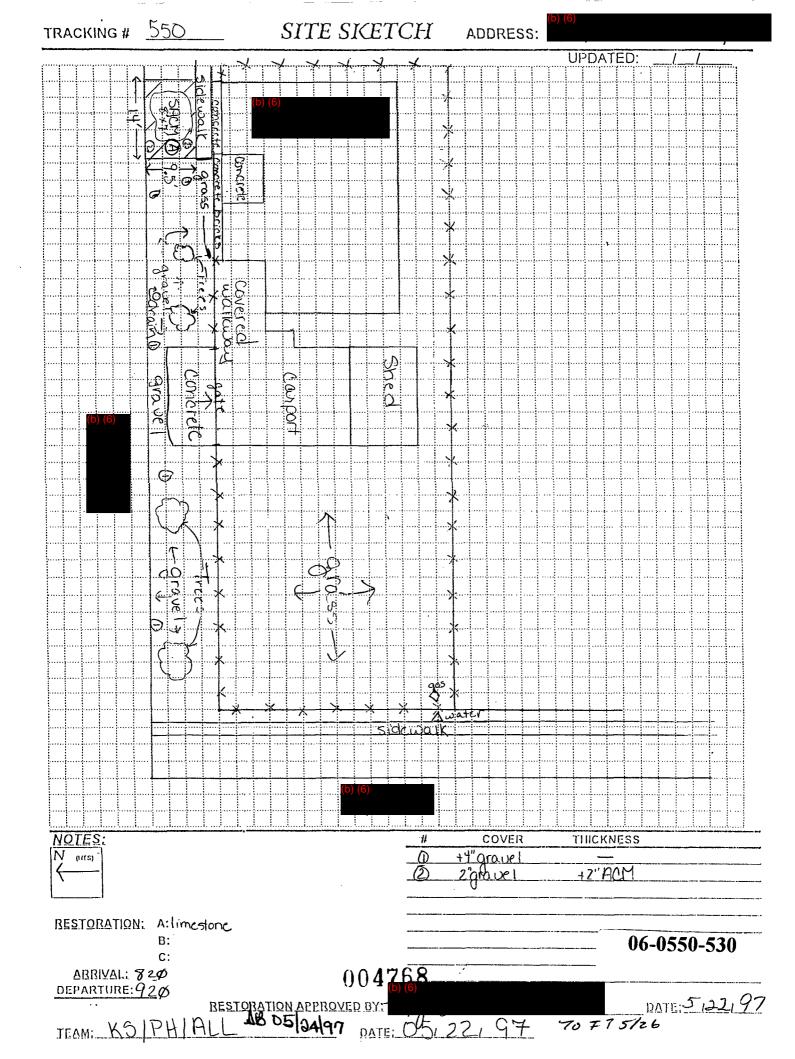
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-13-96 DATE (b) (6)

ASIGNATURE



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:														
SITE#	550						1	ADDR	ESS	(b) (6)				
										Harv	ey, LA		·	
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				FRID#:	. ,	2	<u> </u>	3	4		5 6	7	8	
A. PRO	CEED WI	TH RE	ESTOR.	ATION:	<u>V</u>	- 🕂	-		-					
B. FUR	THER AC	TION	NECES	SSARY:		_ 1_	_	<u></u> ,						
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								1			•	OD	6-21-	7+

Westmont, NJ Placeleway, NJ Carle Place, NY Manhatten, NY Seattle, WA Ann Arbor, MI San Meleo, CA Smyrne, GA Greensboro, NC Houston, TX 609-858-4800 908-981-0550 516-997-7251 212-290-0052 203-233-9007 313-668-6810 415-570-5401 404-333-6068 910-297-1487 713-688-3635

Attn.: Barbara Storey

Ecology & Environment, Inc. 11550 Newcastle Ave. #250

Baton Rouge, LA 70816

Tuesday, June 24, 1997

Ref Number: 1X972550



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASB	E S TOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS253G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chi	ysotlie			100%	Other
W8S521G01		Tan Non-Fibrous Homogeneous	Teased	Nor	ne Detected			100%	Other
WBS52 1G02		Tan . Non-Fibrous . Homogeneous	Teased	2% Chr < 1% Cro				98%	Other
WBS521G03		Tan Non-Fibrous Homogensous	Teased	3% Chr < 1% Cro				97%	Other
WBS550G01		Tan Non-Fibrous Homogeneous	Teased	2% Chr	ysotile	.		98%	Other
WB\$544G01		Tan Non-Fibrous Homogeneous	Teased	4% Chr < 1% Cro				96%	Other

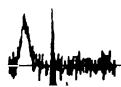
Comments. For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Carlos D. S<mark>alinas</mark>

Analyst

Approved Signatory



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either 8EM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analyzes performed by EMSL of Houston (NVLAP air and Bulk #102106).



 By _PM ___ Date _6-23-97
 Subject _RES for A front _Site _550
 Sheet No.___ of ____

 Chkd. By ___ Date _____

 Proj. No. _______

(0) HARVEY

SIDE WALK

ROCK

(b) (6)

06-0550-590

004771

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

3UB 2 SIGNATURE

RESTORATION FORM

06-0550-590

SITE# ____550

	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
			1		QTY.	QTY.	COMP
ck Installation (sq.yds.)	1				Z0.ºº		
d Installation (sq.yds.)	1		,				
Concrete Installation (sq. yds	.)						
Concrete Installation (sq. yds	.)						
and Installation (sq.yds.)	!		-				
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)					7.20		
nd (cu.yds.)				·			
oncrete (cu.yds.)			. .				
astic Edging (ft.)					•		ļ
alkway Rock Inst. (sq.yds.)							<u> </u>
opsoil (cu.yds.)							·
XTRA							<u> </u>
	Site Ske	tch on B	ack of P	age			
OMMENTS:		, <u></u>					
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·	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				.
REPRESENTATIVE SIGN A	TURE						
UB 1 SIGNATURE						06.0550	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8698 SITE #: 550		ADDRESS:	HARVEY, WA
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
l'acm			
TEAM MEN	MBERS: BC/7	Pl	

06-0550-540

Tracking Number 551

FIELD DATA SHEET 1

of it best to give a co

Site Information:
Occupant: (b) (6) Interviewee:
Address: 6 (6) (6) Address:
Phone No.:
Owner Name Address and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home; (uplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs other dog on 700 side resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; otherdon' Know Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: NA D = ACM Concrete Shed Concrete She
Estimated Volume of ACM:
Comments: The thin ACM strips are covered with to concrete (deteriorated). ACM is exposed in many areas. 11/27/96 - Corled Backfill's CONCRETE IN DRIVET WALK - SOIL/SOD ELSEWHERE
Date/Time of Interview: Access Granted (circle): yes; no
Team Members:

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		·	
SITE#	551	(b) (6) ADDRESS:	
•		Genetina LA 70053	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analysis results for the Above Referenced Site were received and

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#:

1 2

3 4

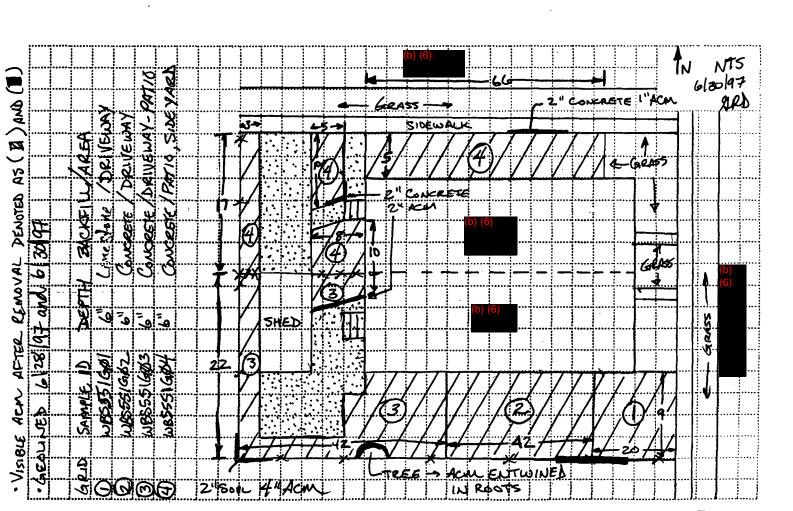
7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:

 \angle

//



office Pace

Westmont NJ Piscataway, NJ Carle Place, NY Manhattan, NY Seattle, WA Ann Arbor, MI San Mateo, CA Smyma, GA Greensboro, NC Houston, TX 808-858-4800 908-981-0550 516-997-725 212-290-0052 203-233-9007 313-668-5810 415-570-5401 404-333-6066 910-297-1487 713-686-3835

EMSL

Attn.: Lawrence Roedl

Ecology & Environmental

11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, July 02, 1997

Ref Number: IN97380

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 - WESTBANK ASBESTOS

			- 44 5) =	ASBE	STOS		<u>NONASB</u>	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WB\$1031G01	b) (6)	Brown	Crushed	3% Ch	rysotile (- ,.	•		Quartz
		Non-Fibrous Homogeneous		! 	,	!		17%	Other
				1		٠ ٢			
WBS1031G02		Brown	Crushed	3% Ch	rysotile	1			Quartz
Ì		Non-Fibrous	į	i		i		17%	Other
		Homogeneous	.1	<u> </u>					
		Brown	Crushed	3% Ch	rysotile	- _[80%	6 Quartz
1		Non-Fibrous	i	į.	ocidolite	į		15%	6 Other
		Homogeneous		<u></u>			•		
WBS1031G04		Brown	Crushed	< 1% Ch	rysotile	1		809	6 Quartz
1		Non-Fibrous		İ				20%	6 Other
		Homogeneous	:						
WB\$1031G05		. Brown	Crushed	< 1% Ch	rventile	i		80%	6 Quartz
1		: Non-Fibrous	Crushed	< 1% Cr	•				6 Other
į #		Homogeneous	i						
			.1	.i					
WB\$551G01		Brown	Crushed	< 1% Ch	rysotile			80%	6 Quartz
		Non-Fibrous	:	< 1% Cr	•			20%	6 Other
-	· ·	Homogeneous		1		1			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Anglyst instered 1/7/a7

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a smell percentage of samples which contain asbestos. Thus negative PLM results cannot be guarenteed. Floor (lies and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze leyered samples.

15-0

15-0

05-0551-570



Westmork, NJ Piscataway, NJ Carle Piece, NY Manhattan, NY Seattle, WA Ann Arbor, MI San Mateo, CA Smyrne, GA Greensboro, NC Houston, TX 509-858-4800 908-981-0550 515-997-7251 212-290-0052 203-233-9007 313-688-5810 415-570-5401 404-333-6086 910-297-1487 713-888-3835 EMSL

Attn.: Lawrence Roed!

Ecology & Environmental

11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, July 02, 1997

Ref Number: IN97380

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 - WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANÇE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	<u>NONASBES</u> FIBROUS	TOS % NONFIBROUS
WBS551G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile ; < 1% Crocidalite			80% Quartz 20% Other
WBS551G0	3	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
WBS215G0		Brown Non-Fibrous Homogeneous	Crushed	3% Chrysotile 1% Crocidolite			80% Quartz 16% Other
WBS215G0		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WB\$215G0	3	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite		•	80% Quartz 17% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Eseppet grad

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the elerit to claim product endorsement by NVLAP nor eny sepency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be yield. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

15-0

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0551-570

Westmortt, NJ Pieceteway, NJ Certe Piece, NY Manhatten, NY Seattle, WA Ann Arbor, MI San Mateo, CA Smyrna, GA Greeneboro, NC Houston, TX 809-858-4800 908-981-0550 516-997-725: 212-290-0052 203-233-9007 313-888-8810 415-570-5401 404-333-8088 910-297-1487 713-688-3835

Attn.: Lawrence Roedl
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, July 02, 1997

Ref Number: IN97379



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 02060 RAGI - WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>Asbe</u> %	STOS TYPE	%	<u>NONASBE</u> FIBROUS		NONFIBROUS
WBS265G01	b) (6)	Brown	Crushed	2% Ch	rysotile	•		во%	Quartz
		Non-Fibrous		< 1% Arr		·		18%	Other
,		Homogeneous							
		:		.l					
WBS265G02		. Brown	Crushed	< 1% Ch	rvsotile	1		80%	Quartz .
		Non-Fibrous	. 01401100	< 1% Cro	•				Other
1:		Homogeneous							
		Tiviliogoliavua		: 					
()				1				9004	Quartz
WB5265G03; '		Brown	Crushed	< 1% Ch	-	i			
		Non-Fibrous	1	< 1% Cr	ocidolite			20%	Other
		Homogeneous							
					<u>.</u>		•	•	
WBS215G04		Brown	Crushed	2% Ch	rysotile				Quartz
ÌÌ		Non-Fibrous		< 1% An	nosite			18%	Other
		Homogeneous		< 1% Cr	ocidolite	•			
				1		1			
WBS551G04		Brown	Crushed	2% Ch	rysotilė	ļ			Quartz
1 <i> </i>		Non-Fibrous		j < 1% An	nosite	í		18%	Other
11		Homogeneous		< 1% Cr	ocidolite				
			•			1			
WBS234G01		Brown	Crushed	2% Ch	rysotile	1	•	80%	Quertz
***************************************		Non-Fibrous	0100	: < 1% Cr	-	į		18%	6 Other
		Homogeneous				i			
		LigitioReliance	:			}			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret 3. Phillips
Margaret Phillips
Analyst

ENTERED 7/7/97

Approved
Signatory

05-0551-570



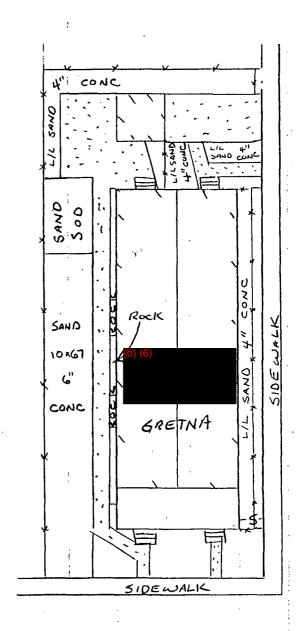
Disclaimers: PLM has been known to miss esbestoe in a small percentage of samples which contain asbestoe. Thus neget be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the fite may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim proof. NVLAP nor any egency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one: Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).



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Ву_ <i>РМ</i>	_Date7-2-97	Subject_	RESTORATION	site #	551	Sheet Noof
Chkd By	Date					Proj. No

REVISED 7-30-97



05-0551-590

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

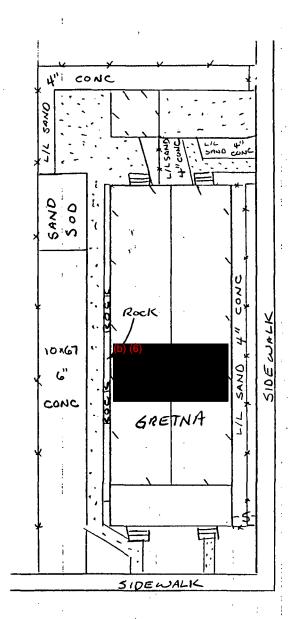
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SITE# 551

							\
	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT
•					QTY.	QTY.	COM
ock Installation (sq.yds.)					7.02		ļ
od Installation (sq.yds.)		· · · · · · · · · · · · · · · · · · ·			16.50		
" Concrete Installation (sq. yds.)					74. ⁵²		
" Concrete Installation (sq. yds.)					76.52		
and Installation (sq.yds.)					93.00		\
ower Lift Sand					76.50		
lock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)		· · · · · · · · · · · · · · · · · · ·			1,50		
and (cu.yds.)					Z6,00		1
concrete (cu.yds.)					21.00		
lastic Edging (ft.)						-	
Valkway Rock Inst. (sq.yds.)	,						
opsoil (cu.yds.)							
XTRA				!			
	Site Ske	tch on E	ack of P	age			
COMMENTS:	·		:				
T REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE		•		•	,	05-0551	-590







05-0551-590

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WESTBANKIASBESTOS ABATEMENT

SUB 2 SIGNATURE

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SITE# _ 551

IT REPRESENTATIVE SIGNATU	RE		······				
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	······································						·
COMMENTS:						•	
	Site Ske	tch on B	ack of P	age			
EXTRA	,						
Topsoil (cu.yds.)							ļ
Walkway Rock Inst. (sq.yds.)							
Plastic Edging (ft.)							
Concrete (cu.yds.)					21.00		
Sand (cu.yds.)					16,00		-
Rock, Gray (cu.yds.)					1, 50		
Rock, Brown (cu.yds.)		· · · · · · · · · · · · · · · · · · ·					
Lower Lift Sand					76.50		
Sand Installation (sq.yds.)					16.50		
4" Concrete Installation (sq. yds.)					76.50		
6" Concrete Installation (sq. yds.)					74.50		
3od Installation (sq.yds.)					16.50		
Rock Installation (sq.yds.)					<u></u>		
•					QTY.	QTY.	COMP
·	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
	DATE [DATE	DATE (DATE			`

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8/31/48</u> SITE#: <u>55</u> 1		ADDRESS: -	(b) (6)
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=	
A Commence of the commence of		vegeta	

05-0551-540

TEAM MEMBERS:

Tracking Number	5.	5	2
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FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee:
Address: (b) (6)	GRETNA LA (b) (6)
Phone No.: (b) (6)	
Owner Name Address and Phone No. if Differen	t Than Occupar(b) (6)
	ルド: (b) (6)
Site Description:	
Description of property (circle): single home vacant house; vacant lot; other	duplex; business; school; daycare; church; opentumet in back
Problems accessing yards (circle): locked gat resolution:	te; gate; dogs; other
3) Underground utilities installed by owner? (circl septic tank; other	e): no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): ye If yes, note on site sketch. How deep?	
Site Sketch: House Grant 78	John The (b) (6) want on additional 6' (approx) of space removed over the 78' length. This would be ant of ~ 17 yes a 1 ft depth. He is willing to allow you to stockpite chean soil/ancete on her property for him to have and to pay the additional to to make up the additional to to make up the deflarence between the price of line store (421) and of any extra disposal costs (53?). Please contact him.
Estimated Volume of ACM:	
Comments: NOT How 10/15, +2/2/12/1 Back fill.	2/96 Left access
Date/Time of Interview:	Access Granted (circle) yes; no
Team Members:	7.50

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	D) (6)	
Property's Address: (6) (6)	(1) (0)	Gretna, LA
State/Zip:	_Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States
Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.



since we removed concrete

runners (2@ 3x \$0 ft) we will

replace w/ 360ft z of concrete

to plus a foft z for SACM on

side. The will him her own

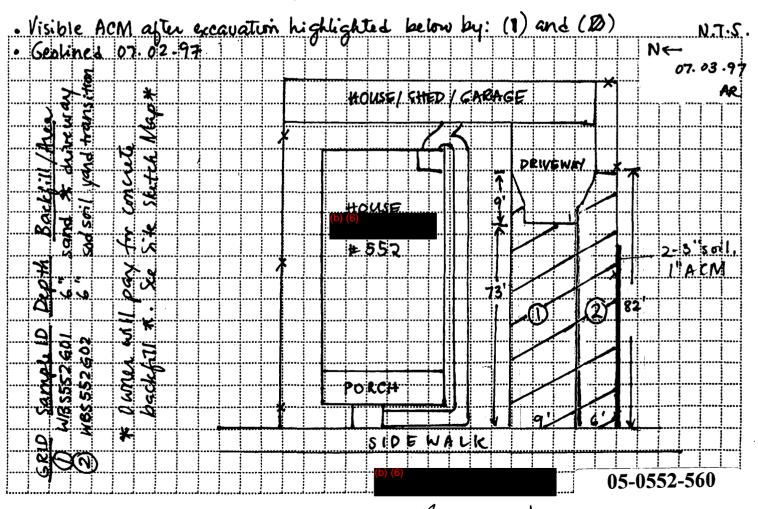
contractor to pour remainder

of diveway

when the second

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	
SITE# 552	ADDRESS: (b) (6)
	Gretna, LA
WERE EVALUATED BY THE USEPA S	OR THE ABOVE REFERENCED SITE WERE RECEIVED AND START TEAM ON 67/12/97 E ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING
ACTION: GRID #:	1 2 5 6 7 8
A. PROCEED WITH RESTORATION:	
B. FURTHER ACTION NECESSARY:	



AUTHORIZED EPA/START REPRESENTATIVE

Gregory Rday

for John Martin

EMSL 3175705894 07/07/1997 14:11

Westmort, NJ Pleasteway, NJ Garle Place, NY Manhetten, NY Spettle, WA Smyrna, GA Greensboro, NC Houston, TX Ann Arbor, Mi Sen Meleo, CA 509-858-4900 909-981-0550 516-997-7251 212-290-0052 203-233-9007 313-668-6610 415-570-6401 404-333-6060 910-207-1487 718-680-3835

Attn.: Lawrence Roedl **Ecology & Environmental** 11550 New Castle Avenue Baton Rouge, LA 70816

Monday, July 07, 1997

Ref Number: IN97408

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS 020601RAG1

SAMPLE	LOCATION	APPEARANCE	Sample Treatment	<u>Asbestos</u> % Type	%	<u>nonabbestos</u> Fibrous % nonfibrous
W88395G01	(b) (6)	Brown Non-Fibrous Hamogeneous	Grushed	< 1% Chrysotile		80% Quartz 20% Other
WB9395G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		80% Quertz 20% Other
WB8662GG2		Brown Non-Fibrous Harnogeneous	Crushed	2% Chrysotile < 1% Grocidolite		80% Quertz 18% Other
W89552G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Croaldolite		80% Quertz 20% Other
WB8502G05A		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite		80% Quertz 18% Other
WBS221G01		Brown Non-Fibrous Homogensous	Crushed	< 1% Chrysotile < 1% Crocidalite	" 	80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Jane Wasilewski Ahaiyst

Approved Signatory

Otsoleimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be gueranteed. Floor tiles and wipes should be tested with either 8EM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approved by EMBL. The above test must not be used by the client to oldim product endorsament by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at lesst one eigneture to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05–0 05-0552-570

[&]quot;NY samples siso analyzed by ELAP 198-1 Method

EMSL

Westmont, NJ Placetaway, NJ Carle Place, NY Manhattan, NY Seattle, WA Ann Arbor, Mi Sen Mateo, CA 5myrna, GA Greenaboro, NC Houston, TX 609-858-4900 909-981-0550 518-997-7251 212-290-0052 203-233-9007 313-868-6610 415-570-5401 404-333-6066 810-297-1487 713-686-3835

Attn.: Lawrence Roedl
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, July 07, 1997

Ref Number: IN97408



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS 020601RAG1

			SAMPLE	ASBESTOS		<u>NONASBESTOS</u>			
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WB\$395G01) (6)	Brown	Crushed	< 1% Ch	rysotile	·			Quartz
		Non-Fibrous			i			20%	Other
		Homogeneous		: 		İ			
				<u> </u>		·			
WBS395G02		Brown	Crushed	< 1% Ch	rysotile	··!	• .	80%	Quartz
		Non-Fibrous		1				20%	Other
		Homogeneous		1					
						_ '	My	000/	. .
WBS552G02		Brown	Crushed	1	rysotile	ļ			Quartz
i		Non-Fibrous	ļ	< 1% Cr	ocidolite			18%	Other
		Homogeneous							
WBS552G01		Brown	Crushed	_ < 1% Ch	rvsotile			80%	Quartz
*		Non-Fibrous	S. Conco	< 1% Cr	_	1			Other
		Homogeneous				Ì			
		· · · · · · · · · · · · · · · · · · ·	15	30, 05			····	 BU67	Quartz
WBS502G05A		Brown	Crushed		rysotile	i			Other
		Non-Fibrous		< 1% Cr	ocidonre	ļ		10.70	Other
		Homogeneous	<u> </u>		,				
WBS221G01		Brown	Crushed	< 1% Ch	rvsøtile			80%	Quartz
4		Non-Fibrous		< 1% Cr	-	1			Other
		, Homogeneous	I	1		1			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Ahalyst 1/8/97 RR

Approved Signatory

Disclaimers: PLM has been known to miss aspectos in a small percentage of samples which contain aspectos. Thus negative PLM results cannot be guaranteed. Floor ties and wipsa should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logs must contain at least one eigneture to be valid.

Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0552-570



WSTALL & COMPACT SAND SOD 3y Shkd	<i>PM</i> . By	_Dale_ <u>7-7-97</u> _Dale		RESTORATIO	N site # 552	Sheet No Proj. No		
SAND SOD SAND SON SAND SON SAND SON SAND SON SAND SON SON SON SON SON SON SON SAND SAND SAND SAND SON SAND SAND SAND SAND SAND SAND SAND SAN		Reu	USED AGAIN	8-12-97	•	,		
PALL & COMPACT TO 4" BELOW SRADE 16x49	:					1	005 01	onc to the second to the secon
SAN/ SAN/ SAN/ SRAD4		i i				(b) (6) GRETNA	\ -	
			•				SAND	# 5 TH & SUN OF THE SU

05-0552-590

WESTBANKIASBESTOS ABATEMENT.

RESTORATION FORM

SITE# ___55Z____

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					19.00		
" Concrete Installation (sq. yds.)					44.50		
					7.		
" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)	•				102.50		-
ower Lift Sand	· · · · · · · · · · · · · · · · · · ·						
Rock, Brown (cu.yds.)							-
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					14.00		
Concrete (cu.yds.)					,		
Plastic Edging (ft.)							ļ
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of F	Page		,	
COMMENTS:							

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

_____ 05-0552-590

004792



> CONCRETE GRETNA SIDEWALK

> > 05-0552-590

004793

WESTBANKASBESTOS ABATEMENT

,•						
RESTORATIO	N FORM					

SITE# 552

	DATE	DATE	DATE	DATE			
-					EST. QTY.	ACTUAL QTY.	ACT. COMP.
ock Installation (sq.yds.)							·
d Installation (sq.yds.)					2Z.5º		
Concrete Installation (sq. yds.)					63.5 <u>0</u>		
Concrete installation (sq. yds.)							
and Installation (sq.yds.)					22. ⁵⁰		
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)		~					
ınd (cu.yds.)					6.00		11 .
oncrete (cu.yds.)					21,50		
astic Edging (ft.)	,				-	*	
alkway Rock Inst. (sq.yds.)			,	ļ			_
opsoil (cu.yds.)			-				_
XTRA					<u> </u>		
	:						

Site Sketch on Back of Page

OMMENTS:	PROPERTY OWNER	TO PAY NOLA	CONSTRUCTIO	DN 2000.
	FOR INSTALLATION	ON OF 66.50	SQUARE YAR	OS OF CONCRETE.
*REPRESEN	TATIVE SI 3NATURE			05-0552-590
UB 1 SIGNA	TURE	004794		
UB 2 SIGNA	TURE	Cata & #17977	ı	

NOTIFICATION OF	DEMOLITION AND RE		FORM FOR	RM AAC-2 REV 5	/12/95		
# of ADVF's Requested 2	Parish # 1340	Source #		ADVF#			
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)		
II. FACILITY INFORMATION		Contact: John	n Martin				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270				
Mailing Address: 1445 Ross Ave							
City: Dallas		State: TX		Zip: 75202	Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's I	iscense #: 26445	DEQ ID #: 7800008			
Address: 113 Ondine Lane							
City: Slidell		State: LA		Zip: 70456			
Contact: Gerald Avery		Telephone: 5	04-646-0039				
OTHER OPERATOR:		DEQ Project	Designer #:				
Address:				-			
City:		State:		Zip:			
Contact:		Telephone:					
III. TYPE OF OPERATION (CIRC	LE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno		
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) (ES) NO	Inspection D	ate: Jan Apr.	1996			
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 610685					
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)				
Building/Component Name: Home (#5	52)	Fire Marshall	Project #:				
Street Address: (b) (6)							
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n		
Site Location: On side of house		Telephone: N	IA		į		
Building Size: NA	# of Floors: NA	Age in Years	: NA				
Present Use: NA		Prior Use: N	4				
VI. PROCEDURE INCLUDING AN. ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF And a second secon	APPROPRIATI 3/116	E, USED TO D	ETECT THE PR	ESENCE OF		
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	[easurement		
		Cat I	Cat II	UNIT			
Pipes	·			Ln Ft:	Ln m:		
Surface Area				Sq Ft:	Sq m:		
Vol RACM off Facility Component				Cu Ft:	Cu yds: 13		
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start:	11/96	Complete: (2	121/86		
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)		1/96	Complete: /2	121/86		

X. DESCRIPTION OF PLA Excavation of residential prope	ANNED DEMOLITION OR REcrites utilizing standard construc	ENOVATION WORK AND MET tion techniques.	HOD(s) TO BE USED:
OF ASBESTOS AT THE DEN	MOLITION AND RENOVATION	VEERING CONTROLS TO BE UDN SITE: nissions for engineering control.	
XII. WASTE TRANSPORTE	ER #1		
Name: Quality Contractors	¹³ Vaughan Contractors	Contact Person: Jerry Avery	fl.P. Vaughan
Address: 113 Ondine Lane	685 Bridge City Avenue		
City: Slidell Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	3R #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	e ·		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	TE:		
Name: Jefferson Parish Landfi	ill (Kelvin Landfill)		
Location: 5800 Avondale 90 V	Vest		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT	AGENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/D)	D/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (N	MM/DD/YY):		,
Description of the Sudden, Une	expected Event:	·	
Explanation of how the event ca	aused unsafe conditions or would	d cause equipment damage (or an	unreasonable financial burden):
		ENT THAT UNEXPECTED ASBESTOS O, PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY OWDER.
Crew will use wet methods to c		•	
XVII. I CERTIFY THAT AN INDIVI 61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHE	DUAL TRAINED IN THE PROVISIO ON-SITE DURING THE DEMOLITI ED BY THIS PERSON WILL BE AVA	NS OF THIS REGULATION (LAC 33:II ON OR RENOVATION AND EVIDENC ILABLE FOR INSPECTION DURING N	I. Chapter 27, Appendix A / 40 CFR PAR E THAT THE REQUIRED TRAINING LORMAL BUSINESS HOURS.
•	·	(Signature of Owner/Ope	crator/Contractor)
XVIII. I CERTIFY THAT THE ABO	VE INFORMATION IS CORRECT.	July 2 th	1 10-12-96
HIDCHARD TO BO (A 1004 1 CB BE 150	TOD THAT NO CONCERNION OF T	(Signature of Owner/Ope RENOVATION CAN BEGIN UNTIL THE PL RMINED BY THAT OFFICE THAT PLANS	· ·

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

05-0552-550

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/31/98 SITE #: 552		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:	24'	=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
A MARINE TO THE REPORT OF THE PARTY OF THE P		
: TEAM ME	MBERS: DA	lmi.

1540 km 3//8/57 (b) (6)

remod, wat get City permit

Troy

05-0552-600

SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:				•	•					
SITE#	55	<u>-</u> 3				ADDRESS	6; (b) (6)		
		•	./						<i>U)</i>	
		•								
THE SAI WERE E	MPLE AI	LED BA. AVLASI2	RESULTS THE USEP	S FOR TH A STAR	HE ABC AABT T	VE REFE 1 ON	RENCED	SITE WE	RE RECI \$ 11/11/92	EIVED AND 9
	ои уи е						\cup	•	•	OLLOWING
		•	GRUD	#: 1	2	3 4	5	6	7 8	В
A. PRO	CEED W	ITH REST	ORATIO	N:					-	nun une
B. FÜR	THER AC	CTION NI	ECESSAR							
•	•		genelih	ed =	_			•		
	VBS \$53	502	12"	Soil slay	- Are	mindel.	sod/soil			Λ
										(NT3)
										Conclete Ledge Acm
										Z surface Aco
(b) (c)										
(0) (0)				Moste						
	3	(2) (1) (2) (2)								
			, , , , , ,		i					
			Cone	retu Ph 1) · - [*] · - :	Shed	##			
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		crass								
	4	4	4				l	1	······44	

AUTHORIZED EPA/START REPRESENTATIVE full fugurer 11/11/28

004799 05-0553-560

 $\overline{\sigma}\overline{\sigma}$

UPDATED: / / Conerete (PhI Trac Shed NOTES: Owner concerned about water

N (NTS) Flowing under his house off of
concrete pad. COVER THICKNESS RESTORATION: A: Grass ARRIVAL: 1245 DEPARTURE: /300 RESTORATION by DATE: 127, 98 interview APPROVED BY: OSCIACE DLW DATE: 101281980WNER TEAM: GD/RL DATE: \$ 127,98 10 IT DATE: / / 0048()0 05-0553-530

Called Linker in Called Linker in Call Goods. Like in angle man

Tracking Number <u>553</u>

FIELD DATA SHEET 1

Site Information:	
Occupant: Same	Interviewee:
Address:	, GRETNA, LA.
Phone No.:	(b) (6)
Owner Name, Address, and Phone No. if Different Than Occupar	nt:
Site Description:	
1) Description of property (circle): single home; duplex; vacant house; vacant lot; other	business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; do resolution:	ogs; other <u>flout fluce</u>
3) Underground utilities installed by owner? (circle): no; was septic tank; other watth mettre for no Note location on site sketch.	ter; gas; electric; cable TV; eighbors house
4) Is any underground ACM present? (circle): yes; no; don't lif yes, note on site sketch. How deep?	
(b) (6) (b) (6) (c) (b) (6) (d) (e) (f) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f	J. Acm Sheet
Estimated Volume of ACM:	
Comments: These Delingront. Cantake	\
Limestone (No gras	s)
Date/Time of Interview:	Access Granted (circle): yes; no
Team Members: Magai din	05-0553-510
\sim \sim	

CONSENT FOR ACCESS TO PROPERTY

WESTRANK ASRESTOS SITE

Property Owner's Name Property's Address:

State/Zip: 70053 Phone Number(s):

Motra

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and a. trucks) on the property;
 - Removal of asbestos-contaminated material from the property; b.
 - Replacement of removed asbestos-containing material with a like-material (i.e., clean C. fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - The taking of other actions necessary to mitigate releases or threats of releases of e. hazardous substances, pollutants or contaminants from the property.

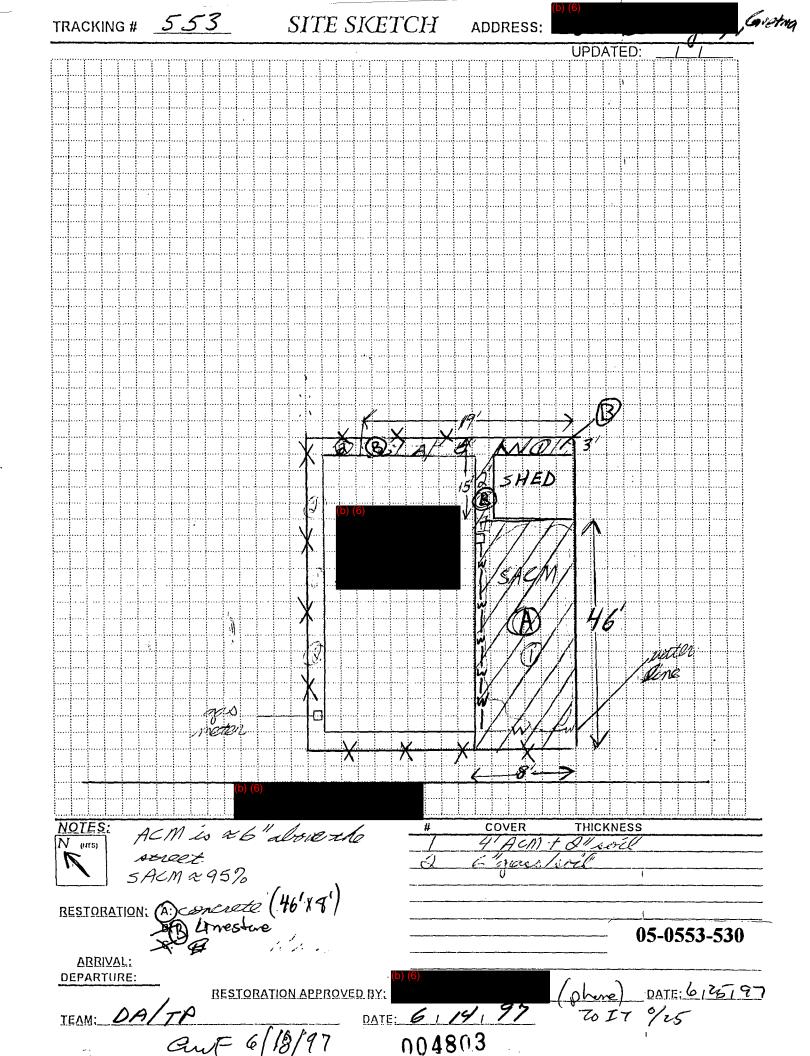
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96

SIGNATURE

05-0553-520



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			
SITE#	553	ADDRESS: (b) (6)	
_	,	GROTHA Ca	

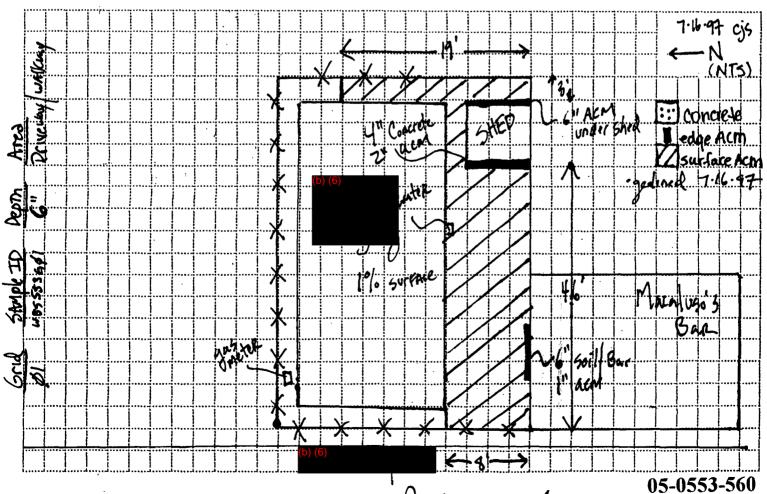
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Restration doesn't

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

Bashaja a. Storey

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Larry Roedl

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Friday, July 18, 1997

Ref Number: IN97520

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASB	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	% NONFIBROUS
WB\$405G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		•	80% Quartz 20% Other
WB\$405G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WB\$405G03		Brown	Crushed	< 1% Chrysotile			80% Quartz
		Non-Fibrous Homogeneous	1	! !	.		20% Other !
WBS405G04		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	j !		80% Quartz 20% Other
<u></u>			<u> </u>	<u> </u>			↓{
WBS564G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Cracidolite			80% Quartz 20% Other
Commence of the commence of th		•	adali e ii ii ii Yee	et e e e e e e e e e e e e e e e e e e	,		4
WB\$553G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	:		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Approved Signatory



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. aboratory is not responsible for the accuracy of results when requested to physically analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200185.0).



B) (6)

GRETZA

B) (6)

GRETZA

004806

05-0553-590

WESTBANK ASBESTOS ABATEMENT

RESTORATION FORM

SITE# 553

	DATE	DATE	DATE	DATE			
-					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					11.50		
Sod Installation (sq.yds.)						;	
6" Concrete Installation (sq. yds.)					41.00		
'' Concrete İnstallation (sq. yds.)							
Sand Installation (sq.yds.)					·		
ower Lift Sånd							
Rock, Brown (cu.yds.)							
Rock, Gray cu.yds.)					3.⁰		
Sand (cu.yds.)							
Concrete (cu.yds.)					7.00		
Plastic Edging (ft.)							
Valkway Rock Inst. (sq.yds.)						•	
Fopsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age	•		
COMMENTS:					,	•	
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE	,	<u></u>	4807			05 0552	500
SUB 2 SIGNATURE		1		i		05-0553	-370

NOTIFICATION OF # of ADVF's Requested 1	DEMOLITION AND RE	Source #	FORM FO	RM AAC-2 REV ADVF#	5/12/95
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELE	 D
II. FACILITY INFORMATION		Contact: John Martin			
OWNER NAME: U.S. EPA Region 6		Telephone:	214-665-2270		·
Mailing Address: 1445 Ross Ave		. 			
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 780000	8
Address: 113 Ondine Lane					
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone:	504-646-0039	······	
OTHER OPERATOR:		DEQ Projec	t Designer #:		
Address:					
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno					
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO Inspection Date: Jan Apr. 1996					
Inspector's Name: Debra Bendily (Li	DEQ)	Inspector's	Accreditation #:	610685	
V. FACILITY DESCRIPTION (In	nclude building name, numb	er, and floor o	r room number)		
Building/Component Name: Home (#:	553)	Fire Marsha	ll Project #:		
Street Address: (b) (6)					
City: Gretna	State: LA	Zip: 70053 Parish: Jefferson			
Site Location: On side of house		Telephone: NA			
Building Size: NA	# of Floors: NA	Age in Year	s: NA		
Present Use: NA		Prior Use: N	IA		
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampl	ALYTICAL METHOD IF ing - EPA Method 600/R-9	APPROPRIAT 3/116	TE, USED TO D	ETECT THE P	RESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material No Removed		Indicate Unit l Below	Measurement
		Cat I	Cat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 7
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: [1]	7/96	Complete: (2	2/21/86
IX. SCHEDULED DATES DEMO/RENOV/	ATION (MM/DD/YY)	Start: 61/	7/96	Complete: / 2	121/96
	(104808	*	,—	05-0553-5

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)					
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.					
OF ASBESTOS AT THE DEM	RK PRACTICES AND ENGINE IOLITION AND RENOVATION wet methods and no visible emis	V SITE:			
XII. WASTE TRANSPORTE	R #1				
Name: Quality Contractors	ⁿ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan		
Address: 113 Ondine Lane	685 Bridge City Avenue				
City: Slidell Bridge City	State: LA	Zip: 70458 *3 70094	Telephone#: (504)646-0039 #3(504)436-7777		
WASTE TRANSPORTE	iR #2				
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals			
Address: 1713 Winchester Place	e				
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091		
XIII. WASTE DISPOSAL SITE:					
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)				
Location: 5800 Avondale 90 W	/est				
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244		
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	THE AGENCY:		
Name:		Tide:	Authority:		
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD)/YY)		
XV. FOR EMERGENCY RE	NOVATIONS				
Date and hour of emergency (M	IM/DD/YY):		•		
Description of the Sudden, Une	xpected Event:				
Explanation of how the event ca	nused unsafe conditions or would	cause equipment damage (or an u	inreasonable financial burden):		
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.		
Crew will use wet methods to co	ontrol any visible emissions.				
61. SUBPART M) WILL BE	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION D BY THIS PERSON WILL BE AVAIL	N OR RENOVATION AND EVIDENCE	THAT THE REQUIRED TRAINING		
		(Signature of Owner/Open	ator/Contractor)		
XVIII. I CERTIFY THAT THE ABOV	/E INFORMATION IS CORRECT.	July 2 Hoy	G-10-12-96		

(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82435 ASSONGOUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 10/27/98 SITE #: 553	ADDRESS:
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	12"
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB

5%

PERCENT OF AREA (ACM)

TEAM MEMBERS:

GD, RL

05-0553-540

EMSL Analytical, Inc

2501 Central Pkwy, C-13 Houston, TX 77092

Phone (713) 686-3635 Fax: (713) 686-3645

Fax: (713) 686-3645 EMSL

Attn.: Amanda Loone

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Thursday, November 19, 1998

Ref Number: TX985390

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS (020601)

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBI %	ESTOS TYPE	%	NONASBI FIBROUS		NONFIBROUS
WBS2020-G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	<1% Ch	rysotile		4,44	100%	Other
WB\$553-G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	Other
WBS1922-G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	Other
WBS1921-G01		Brown Non-Fibrous Homogeneous	Teased	2% Chr	rysotile			98%	Other
WBS1909-G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other
WBS1909- G01 G 02		Brown Non-Fibrous Homogeneous	Teased	Nor	ne Detected			100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas Analyst pproved Signatory



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Tracking Number	554
-----------------	-----

FIELD DATA SHEET 1

NVF

Site Information:	
Occupant: Interviewee:	
Address: (b) (6) BRETNA, LA.	
Phone No.:	
Owner Name, Address, and Phone No, if Different Than Occupant: Osbestos To paved over. No venodal needed	
Site Description:	<u> </u>
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other	
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
House Rivo	
Estimated Volume of ACM:	
Comments: No Renoval Neede J	1
Date/Time of Interview: 10 '20 10/16 Access Granted (circle): yes no	
Team Members: KJ/TC	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE #: 554		ADDRESS:_ - -	(b) (6)	V
ACM LOCATED BENEATH:	HOUSE			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		=		
SKETCH OR COMMENTS:				
Ma Acm	No	Crawl	Space	
TEAM MEI	MBERS: MTC	PLL		

05-0554-540

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:	8-13-98		ADDRESS:_	(b) (6) Gretna
SITE #:	0555		_	3/2//4
				,
ACM LOCA	TED BENEATH:	HOUSE SHED		
APPR. CRA	WL SPACE HEIGHT:	to the second se	=	
DESCRIPTI	ON OF ACM:	CHUNKS POWDER SLAB		
PERCENT (OF AREA (ACM)		=	
SKETCH OF	R COMMENTS:			
		<i>j</i>		
		/		
		/		

	~			
	Rom			
	_ N ⁰			
	/ F			
		TEAM MEMBERS: KJ/JS		

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: (b) (6)
Phone No.: (b) (6)
Owns both houses on property
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: D D D D D D D D D
Estimated Volume of ACM:
Comments: Soil 4 Sob
Date/Time of Interview: 10 /15 /96 1525 Access Granted (circle): yes; no
Team Members: ML

Tracking Number 555

FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee:
Address: (b) (6)	, GRETNA, LA.
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if D (b) (6) OWNS 1004	ifferent Than Occupant: h Wuses on property
Site Description:	
Description of property (circle): single vacant house; vacant lot; other	e home; duplex; business; school; daycare; church;
Problems accessing yards (circle): loc resolution:	ked gate; gate; dogs; other <u>no</u>
3) Underground utilities installed by owner septic tank; other Note location on site sketch.	? (circle): (10; water; gas; electric; cable TV;
4) Is any underground ACM present? (circl If yes, note on site sketch. How deep? _	
Site Sketch: (b) (6) (noute Ac)	House n nate
Estimated Volume of ACM:	(1) (0)
Comments: Dirt 4 grass o	to per phone call to (6) (6)
Date/Time of Interview: 10/15/96	Access Granted (circle); yes; no
Team Members: Mac Ain	05_0555_510

TRACKING# 535

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(D) (b)			
Property's Address:_(b) (6)		GRETNA,	LA,	
State/Zip: 70053	Phone Number(s):_ (b) (6)			

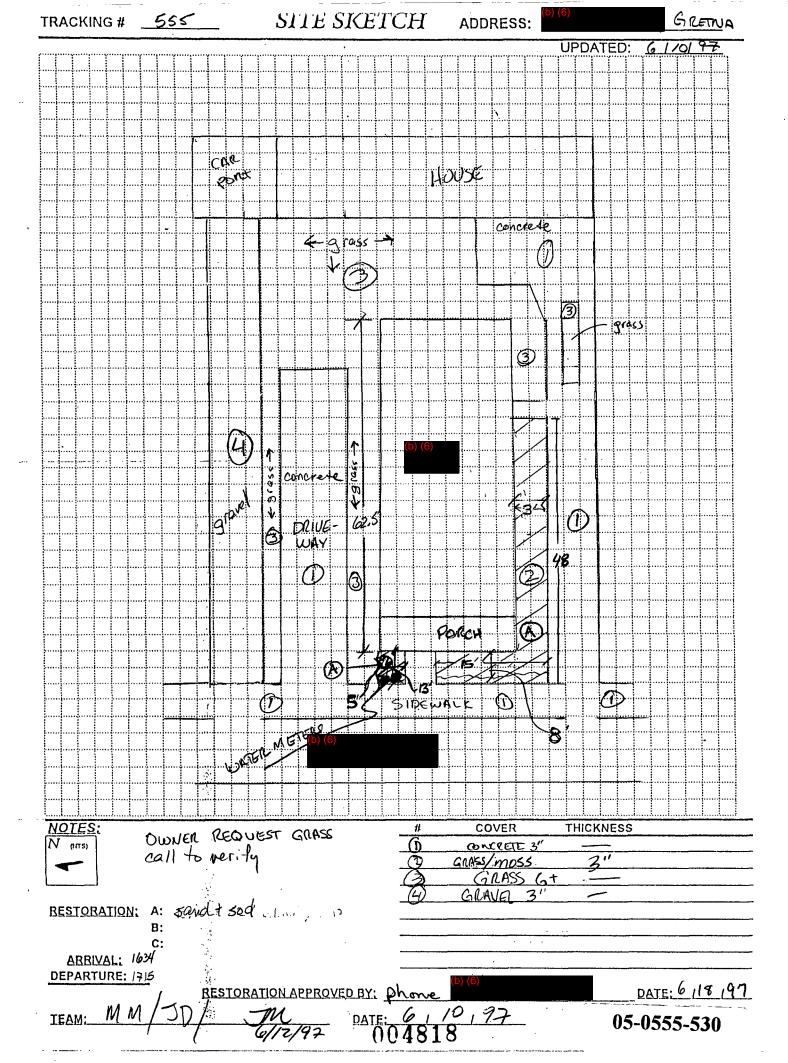
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE signature

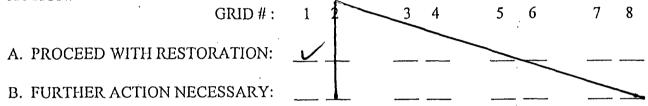


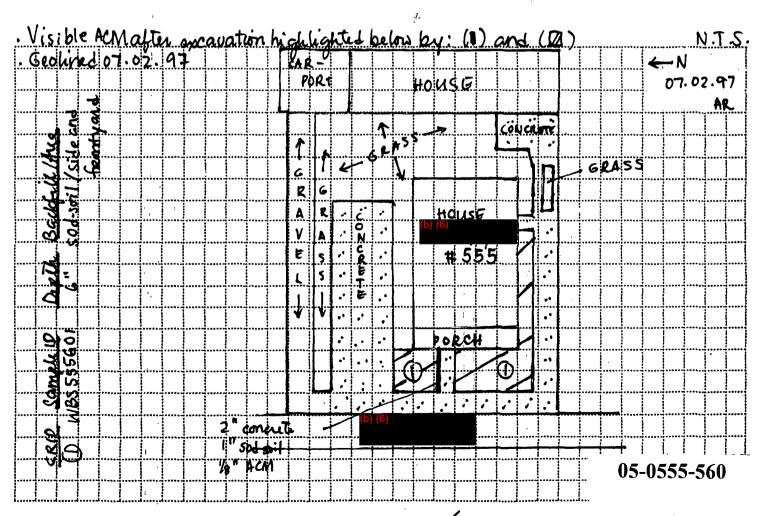
WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

		Marrero, LA	
SITE#	555	ADDRESS: (b) (6)	
FYI:	ł		

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 7-7-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





AUTHORIZED EPA/START REPRESENTATIVE

TIVE January Koef 004819

Westmort, NJ Piscelpway, NJ Carle Pisce, NY Menhatian, NY Seeple, WA Ann Arbor, MI Sen Mateo, CA Smyrna, GA Greenaboro, NC Houston, TX 608-858-4800 908-851-0580 516-997-7251 212-290-0052 203-233-9007 313-688-4810 415-870-5401 404-233-8086 910-297-1467 713-885-3836

Attn.: Lawrence Roedl

Ecology & Environmental

11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, July 07, 1997

Ref Number: IN97408



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS 020601RAG1

Sample	LOCATION	APPEARANCE	Sample Treatment	<u>ASBESTOS</u> % TYPE	NONAS % FIBROUS	BESTOS % NONFIBROUS
WB9555001	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crockdolite		80% Quartz 20% Other
WB8540G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crooldolite		80% Quartz 20% Other
WB9440G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crockfolite		80% Quertz 18% Other
WB8840G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Gracidalite		80% Quertz 18% Other
WB5427G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other
WB842 G02]	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite		80% Quartz 18% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Margaret Fhillips
Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of asmples which contain asbestos. Thus negative PLM results connot be guaranteed. Ploor tiles and wipse should be tested with either 8EM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP ner any agency of the United States Government. All "NVLAP" reports with NVLAP logo must sentain at least time eignature to be valid. Laboratory is not responsible for the ecoursely of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Ar and Bulk #200188-0).

05-0555-570

A Andrews

^{*} NY samples also analyzed by ELAP 198-1 Method

Westmortl, NJ Piscaleway, NJ Carle Place, NY Menhattan, NY Seattle, WA Ann Arbor, MI San Mateo, CA Smyrna, GA Greenaboro, NC Mouston, TX 609-858-4900 908-981-0550 516-997-7251 212-290-0052 203-233-8007 313-688-8810 415-570-5401 404-333-8068 910-297-1487 713-686-3835

Attn.: Lawrence Roedl
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, July 07, 1997

Ref Number: IN97408



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS 020601RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	%	<u>NONASBE</u> FIBROUS	<u>stos</u> %	NONFIBROUS
WBS555G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlle < 1% Crocidolite				Quartz Other
WBS540G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite				Quartz Oth e r
WBS540G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite				Quartz Other
WBS540G03		Brown Non-Fibrous Hornogeneous	Crushed	2% Chrysotile < 1% Crocidolite				Quartz Other
WB\$427G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected				Quartz Other
WBS427G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite				Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Mayaut 3. Phillys Margaret Phillips Anglyst Entured 7/8/17 QRD

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results connot be guarenteed. Floor tries and wipes should be tested with either SEM or TEM. The above test report retates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United Stetes Government, All "NVLAP" reports with NVLAP logo must contain at least one eignature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples, Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0555-570

White when the

004821



SAND SOD SOD SIDEMALIK

05-0555-590

004822

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

R	FS	TO	RA	TIO	N.	FO	RM
		10	$^{\prime}$		/ W	-	i vika:

05-0555-590

SITE# 555

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					46. <u>5</u> 2		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					·		
Sand Installation (sq.yds.)					46.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)						·	
Sand (cu.yds.)			· · · · · · · · · · · · · · · · · · ·		10.°°		ļ!
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)		:					
Topsoil (cu.yds.)	:						
EXTRA	,						<u> </u>
	Site Ske	tch on B	ack of P	age °			
COMMENTS:		•				•	
	<u></u>	· · · · · · · · · · · · · · · · · · ·					·
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						·
IT REPRESENTATIVE SI 3NATU	RE .	· · · · · · · · · · · · · · · · · · ·	······································		· · · · · · · · · · · · · · · · · · ·		
SUB 1 SIGNATURE						05 0555	# 00

1	DEMOLITION AND RE		CURIVI FOR	M AAC-2 REV 5	12/95	
# of ADVF's Requested 1	Parish # 1340	Source#		ADVF#	-	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED		
II. FACILITY INFORMATION		Contact: John	n Martin		·····	
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270		***	
Mailing Address: 1445 Ross Ave						
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality I	Environmental Constr.	La. Contractor's I	iscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane						
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:			
Address:						
City:		State:		Zip:		
Contact:		Telephone:	·			
III. TYPE OF OPERATION (CIRCLE ONE) Ordered Demo Renovation Emergency Reno						
IV. IS ASBESTOS PRESENT? (CIP	IV. IS ASBESTOS PRESENT? (CIRCLE ONE) (CES) NO Inspection Date: Jan Apr. 1996					
Inspector's Name: Debra Bendily (LD	DEQ)	Inspector's Accreditation #: 610685				
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)			
Building/Component Name: Home (#5	55)	Fire Marshall	Project #:			
Street Address: (b) (6)						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n	
Site Location: On side of house		Telephone: N	IA .			
Building Size: NA	# of Floors: NA	Age in Years	: NA			
Present Use: NA		Prior Use: NA	4			
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIATI /116	E, USED TO D	ETECT THE PR	ESENCE OF	
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	easurement	
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area		•		Sq Ft:	Sq m:	
Vol RACM off Facility Component	·			Cu Ft:	Cu yds: 6	
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	196	Complete: (2)	21/96	
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: (6/)	196	Complete: / 2	12/196	
					/	

NOTIF	ICATION OF DEMOLITION A	AND RENOVATION FORM (c	ontinued)
X. DESCRIPTION OF PLA Excavation of residential prope	NNED DEMOLITION OR REN rties utilizing standard construction	OVATION WORK AND METH on techniques.	IOD(s) TO BE USED:
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	ERING CONTROLS TO BE US I SITE: ssions for engineering control. A	
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	¹⁵ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	685 Bridge City Avenue		
City: Slidell Bridge City	State: LA	Zip: 70458 43 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	R #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Plac	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	HE AGENCY:
Name:		Tide:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DE)/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		
Description of the Sudden, Une	xpected Event:		·
Explanation of how the event ca	used unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO PO	S FOUND OR PREVIOUSLY WDER.
Crew will use wet methods to co	ontrol any visible emissions.	•	
XVII. I CERTIFY THAT AN INDIVI 61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHE	DUAL TRAINED IN THE PROVISION ON-SITE DURING THE DEMOLITION D BY THIS PERSON WILL BE AVAIL	S OF THIS REGULATION (LAC 33:III. N OR RENOVATION AND EVIDENCE ABLE FOR INSPECTION DURING NO	Chapter 27, Appendix A / 40 CFR PAI THAT THE REQUIRED TRAINING RMAL BUSINESS HOURS.
	·	Signature of Owner/Open	ator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	E INFORMATION IS CORRECT.	10000	10-12 41

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

(Signature of Owner/Operator/Contractor)

FIELD DATA SHEET 1

(b) (6) (b) (c)
Occupant: Interviewee:
Address: (b) (6) Letra LA
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (b) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other None
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: NORTH Concaste D) (6) (6)
Estimated volume of ACM: 350ft. Contact: (b) (6) only not tenant.
Comments: AFEVER Home. Not nome (a/23) Some sign for gonerasole Backtill: [Mestone Wedging
Date/Time of Interview: 11/20 1000 Access Granted (circle): (yes;) no
Team Members: TM / A R

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	MCCESSION	OF	
Property's Address:(6) (6)		, Grenta, LA	
State/Zip: 70053	Phone Number(s):		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

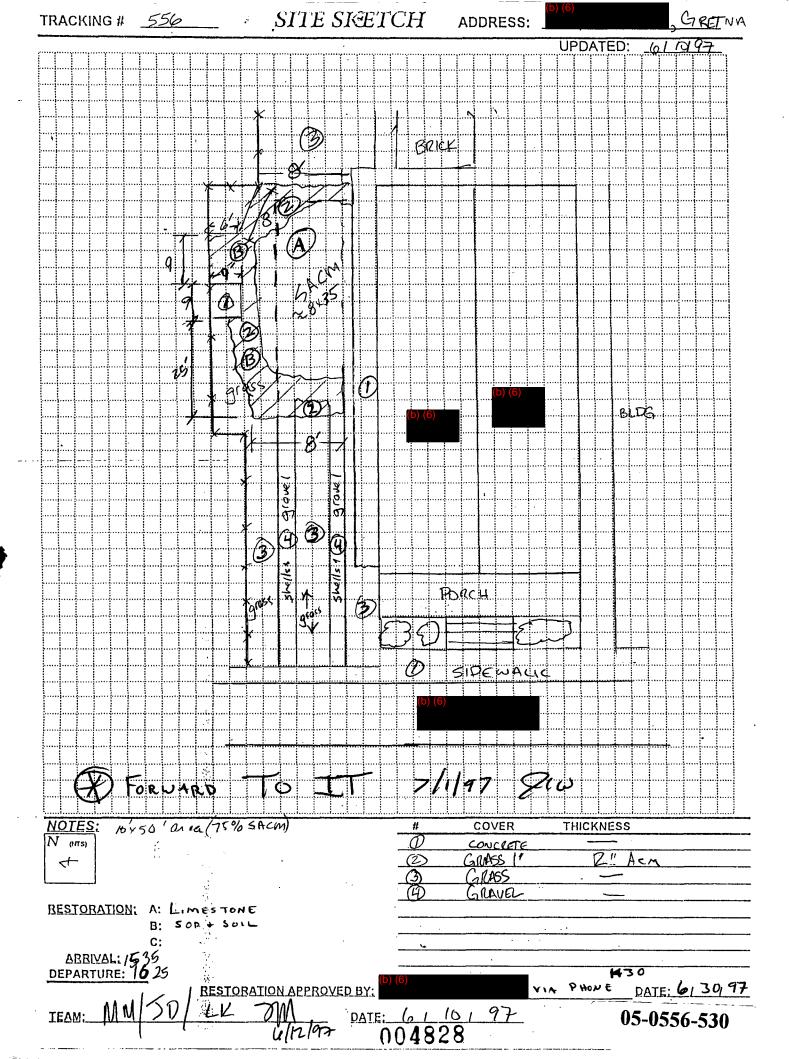
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

SIGNATURE



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:				4	
SITE#	55b	ADDRESS:	(b) (6)		
			Gretna	La.	

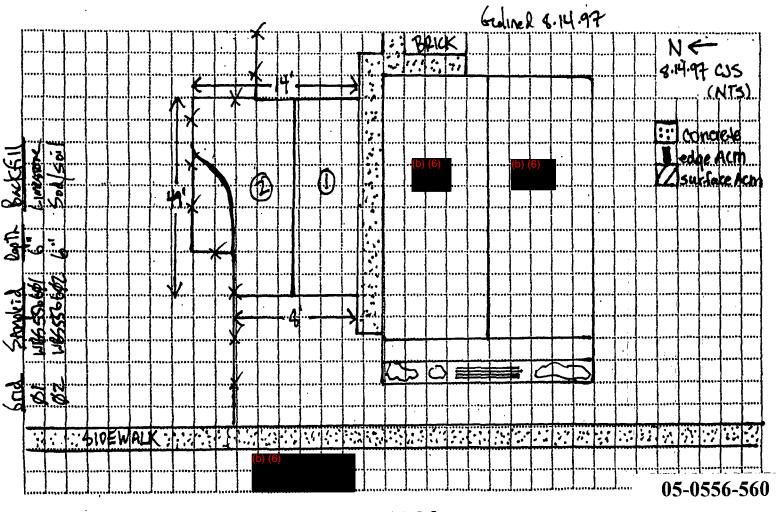
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical as of 8-14-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPASTART REPRESENTATIVE Beena Befalma

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Deena DePalma

Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, August 18, 1997

Ref Number: IN97829

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	% FIBROUS	<u>BESTOS</u> % NONFIBROUS
WBS462G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crockdolite		25% Quartz 73% Other
WBS462G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS556G01		Brown Non-Fibrous Hornogeneous	Crushed	None Detected		20% Quartz 80% Other
WBS556G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlie		20% Quartz 80% Other
WBS376G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		70% Quartz 30% Other
WBS680G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	:	20% Quartz 80% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is enalyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by \$LAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP 1000 must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and enalyze tayered samples.

05-0556-570

- Walter Williams

004830



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Ву <i>РМ</i>	Date_ <i>8-15-97</i>	_Subject_RESTORATION	Site #	556	Sheet Noof_	···
Chkd By	Dato				Proj. No.	-

DOS OTAS Y JOY Y J

05-0556-590

004831

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

RESTORATION FORM

05-0556-590

SITE# 556

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					83.**		
3od Installation (sq.yds.)					¹ 25.50		
5" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)		·	;			·	
Sand Installation (sq.yds.)					25.5º		
Lower Lift Sand					•		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					20.00		
Sand (cu.yds.)					19.00		
Concrete (cu.yds.)							
Plastic Edging (ft.)							ļ
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							<u> </u>
EXTRA							
	Site Ske	etch on E	Back of F	Page	;		
COMMENTS:		·	·				
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		 			······································		***********
IT REPRESENTATIVE SIGNATU	IRE				·		
SUB 1 SIGNATURE			_			05 0556 5	-00

# of ADVF's Requested 1	Parish # 1340	Source#	FORW FOR	ADVF#	112195	
I. TYPE OF NOTIFICATION (CRICLE ONE) ORIGINAL REVISED CANCELED II. FACILITY INFORMATION Contact: John Martin OWNER NAME: U.S. EPA Region 6 Telephone: 214-665-2270 Mailing Address: 1445 Ross Ave City: Dallas State: TX Zip: 75202 REMOVAL CONTRACTOR: Quality Environmental Constr. Address: 113 Ondine Lane City: Slidell State: LA Zip: 70456 Contact: Gerald Avery Telephone: 504-646-0039 OTHER OPERATOR: DEQ Project Designer #: Address: City: State: Zip: Contact: Telephone: III. TYPE OF OPERATION (CRICLE ONE) FEB NO Inspection Date: Jan Apr. 1996 Inspector's Name: Debra Bendily (LDEQ) Inspector's Accreditation #: 610685 V. FACILITY DESCRIPTION (Include building name, number, and floor or room number) Building/Component Name: Home (#556) Fire Marshall Project #: Street Address: 16 City: Gretna State: LA Zip: 70053 Parish: Jefferson Site Location: On side of house Telephone: NA Present Use: NA VI. PROCEDURE INCLUDING ANALYTICAL METHOD IT APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116 VIII. APPROXIMATE AMOUNT: OF ASBESTOS Indicate Unit Measurement of ACM to be Removed. Nonfriable Asbestos Indicate Unit Measurement of ACM to be Removed. Nonfriable Asbestos Indicate Unit Measurement.						
II. FACILITY INFORMATION		Contact: John	n Martin			
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270		-	
Mailing Address: 1445 Ross Ave						
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's l	Liscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane						
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:			
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno	
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996		
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	ccreditation #:	610685		
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)			
Building/Component Name: Home (#5	56)	Fire Marshall	Project #:			
Street Address: (b) (6)						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n	
Site Location: On side of house		Telephone: NA				
Building Size: NA	# of Floors: NA	Age in Years: NA				
Present Use: NA		Prior Use: Na	4			
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIAT /116	E, USED TO D	ETECT THE PR	ESENCE OF	
OF ASBESTOS, INCLUDING: (P. Regulated ACM to be removed 2. Category I ACM not removed	RACM to be Removed	Material Not			leasurement	
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component				Cu Ft:	Cu yds: 10	
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: 11/1	196	Complete: (2	/21/96	
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: "	1/96	Complete: / 2	121/96	

X. DESCRIPTION OF PLA Excavation of residential prope	ANNED DEMOLITION OR RI crties utilizing standard construc	ENOVATION WORK AND MET ction techniques.	HOD(s) TO BE USED:
OF ASBESTOS AT THE DEN	AOLITION AND RENOVATION	NEERING CONTROLS TO BE USON SITE: nissions for engineering control.	
XII. WASTE TRANSPORTE	ER #1		
Name: Quality Contractors	Naughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan
Address: 113 Ondine Lane	685 Bridge City Avenue		
City: Slidell 'Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	ER #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Plac	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	TE:		
Name: Jefferson Parish Landfi	ill (Kelvin Landfill)		
Location: 5800 Avondale 90 V	Vest		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT	AGENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DI	D/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (N	MM/DD/YY):		•
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	aused unsafe conditions or woul	d cause equipment damage (or an	unreasonable financial burden):
NONFRIABLE ASBESTOS	MATERIAL BECOMES CRUMBLE	VENT THAT UNEXPECTED ASBESTOS D, PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.
Crew will use wet methods to c XVII. I CERTIFY THAT AN INDIVI 61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHE	DUAL TRAINED IN THE PROVISION ON-SITE DURING THE DEMOLIT	ONS OF THIS REGULATION (LAC 33:III ON OR RENOVATION AND EVIDENCE LILABLE FOR INSPECTION DURING NO (Signature of Owner/Ope	ORMAL BUSINESS HOURS.
XVIII. I CERTIFY THAT THE ABOV	VE INFORMATION IS CORRECT.	(Signature of Owner/Open	10-12-96 rator/Contractor)
URSUANT TO R.S.40:1574 A&B, BE ADVEYIEWED BY THE OFFICE OF THE ST	ISED THAT NO CONSTRUCTION OR ATE FIRE MARSHALL OR IT IS DETE	RENOVATION CAN BEGIN UNTIL THE PL RMINED BY THAT OFFICE THAT PLANS	ANS AND SPECIFICATIONS ARE ARE NOT REQUIRED TO BE SUBMITTED

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895 05-0556-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/31/98 SITE #: 556		ADDRESS: 600	
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
1 Amman Marian M			
TT 014 14 T14	IRERS: $\triangle A$	mi	

004835

05-0556-540

FIELD DATA SHEET 1

Site Information:			74	/6\		
Occupant:			Interviewee:	(O)		
Address: (b) (6)		Frets	a, LA 7	0053		
Phone No.:	(b) (6)		7			
Owner Name. Address, a	nd Phone No. if Different T	Than Occupant	: :			
te Description:						
Description of propert vacant house; vacan		duplex; b	usiness; school	; daycare; chu	ırch;	
2) Problems accessing ya	ards (circle): locked gate;	gate; dog	gs; other <u></u>	ck fence		
3) Underground utilities septic tank; other_ Note location on site s		: no; wate	e), gas; elect Ck to 4-f		1	
	CM present? (circle): yes; tch. How deep?		know			
Site Sketch:		X		(N	
(b) (6)		House				
	Derivery ACN	ay				
Estimated Volume of AC	M:	_				
Comments: Call A	noperty owner wants crus	puritions and the	iestone iv	it dens drivew MANO AC	etive ay- n in Beel	Κ'n
Date/Time of Interview:	10/16/96 8:10)am	Access Granted			
Team Members:	ciesce din.	/KJ/-	TC			
ж	00			0.5	0557 51	_

WESTBANK ASBESTOS SITE

,	b) (6)	
Property Owner's Name:		
Property's Address: (b) (6)		GRETNA
State/Zip: LA 70053 P	hone Number(s) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/25796 DATE



ADDRESS:



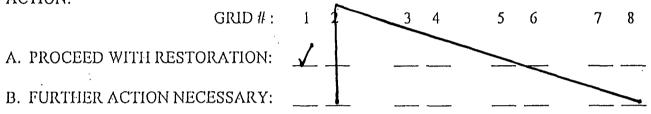
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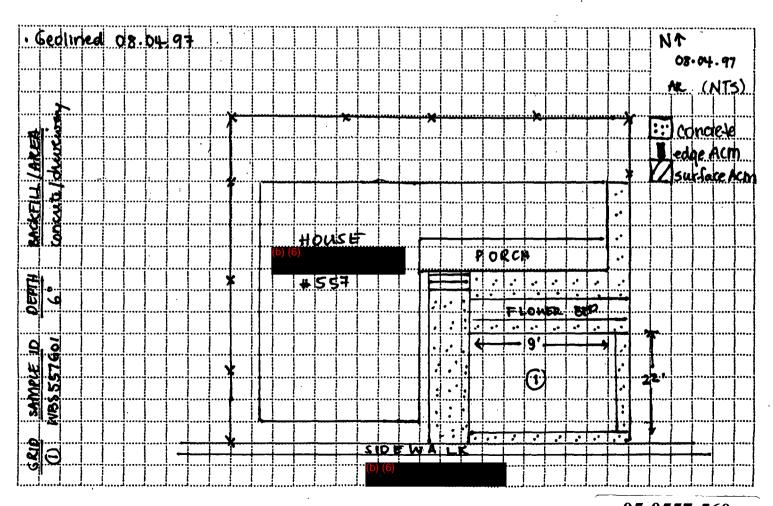
WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

·	Greina, LA	
SITE# 557	ADDRESS: (b) (6)	
FYI:		

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical as of or our 97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Wednesday, August 06, 1997

Ref Number: IN97721

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBESTOS		BESTOS
Sample	LOCATION	APPEARANCE	TREATMENT	% TYPE	% FIBROUS	% NONFIBROUS
WB8244G01	(b) (6)	Brown	Crushed	2% Chrysotlle	•	30% Quertz
		Non-Fibrous		< 1% Crocidolite		68% Other
		Homogeneous	!	i		
WB\$244G02		Brown	Crushed	< 1% Chrysotlie	- - I	30% Quartz
		Non-Fibrous		< 1% Crocidolite	1	70% Other
		Homogeneous	•			
L			•	i	•	
WB\$557G01	•	Brown	Crushed	None Detected		30% Quartz
		Non-Fibrous	- C1 ((C1))		i	70% Other
l i		Homogeneous		!		
L			<u></u>			
WB8586G01		Brown	Crushed	None Detected		30% Quartz
11000000		Non-Fibrous	Croaned	113113 3713131		70% Other
į		Homogeneous	İ	i	1	
		·		i	. 1	
	••	to a time adapt a	1		•• ••	2004 -
WB8586G02		: Brown	Crushed	None Detected	1	30% Quartz
		Non-Fibrous				70% Other
1		Homogénéous	1	; }	•	
t., .		• • • • • • • • • • • • • • • • • • • •		. 1	•	
WB8586003		Brown	iCrushed	< 1% Chrysotile	!	40% Quertz
li		Non-Fibrous	:	< 1% Crocidolite		50% Other
	•	'Homogeneous				
			t do a			

Comments: For all obviously heterogeneous samples saaily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst

Approved Signatory

Disclaimers: PLM has been known to miss expestos in a small percentage of samples which contain exhantor. Thus regetive PLM results cannot be guaranteed. Ploor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items (asked. This report real only to produced in full with written approval by EMBL. The above test must not be used by the otient to claim product endorsement by NVLAP not any agency of the United States Government. All "NVLAP" reports with NVLAP togo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze tayered samples.

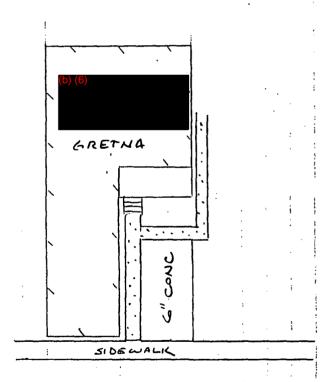
Analysis performed by EMSt, of Indianapolis (NVLAP Air and Sulk #200188-0).

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By_ <i>PM</i>	_Date_ <u>8-5-97</u>	_Subject	RESTORATION SIFE	, #	557	Sheet No of
Chkd By	Date					Proj. No.



WESTBANK ASBESTOS ABATEMENT: NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE# 557

	DATE	DATE	DATE	DATE				
-				·····	EST. QTY.	ACTUAL QTY.	ACT.	
Rock Installation (sq.yds.)								
3od Installation (sq.yds.)								
3" Concrete Installation (sq. yds.)					22.50			
1" Concrete Installation (sq. yds.)								
Sand Installation (sq.yds.)				***************************************				
_ower Lift Sand		10						
Rock, Brown (cu.yds.)	,							
Rock, Gray (cu.yds.)							-	
Sand (cu.yds.)								
Concrete (cu.yds.)					4,∞			
Plastic Edging (ft.)							-	
Walkway Rock Inst. (sq.yds.)					·			
Topsoil (cu.yds.)								
EXTRA								
	Site Ske	tch on B	lack of P	age				
COMMENTS:								
IT REPRESENTATIVE SIGNATU	RE				,			
SUB 1 SIGNATURE						05-0557-5	 590	
SUB 2 SIGNATURE			00484	2		00 0007 070		

NOTIFICATION OF	DEMOLITION AND RE		FORM FOR	M AAC-2 REV 5	/12/95			
# of ADVF's Requested 1	Parish # 1340	Source #		ADVF#				
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)			
II. FACILITY INFORMATION		Contact: John	n Martin					
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270					
Mailing Address: 1445 Ross Ave								
City: Dallas		State: TX		Zip: 75202				
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's l	Liscense #: 26445	DEQ ID #: 7S00008				
Address: 113 Ondine Lane								
City: Slidell		State: LA	··-	Zip: 70456				
Contact: Gerald Avery	Contact: Gerald Avery Telephone: 504-646-0039							
OTHER OPERATOR:		DEQ Project	Designer #:					
Address:								
City:		State:		Zip:				
Contact: Telephone:								
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno								
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) (ES NO Inspection Date: Jan Apr. 1996								
Inspector's Name: Debra Bendily (LI	Inspector's Name: Debra Bendily (LDEQ) Inspector's Accreditation #: 610685							
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		•			
Building/Component Name: Home (#5	57)	Fire Marshall	l Project #:					
Street Address: (b) (6)								
City: Gretna	State: LA	Zip: 70053	_	Parish: Jefferson				
Site Location: On side of house		Telephone: NA						
Building Size: NA	# of Floors: NA	Age in Years	: NA					
Present Use: NA		Prior Use: N	4					
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli			E, USED TO D	ETECT THE PR	ESENCE OF			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: (f) Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement			
		Cat I	Cat II	UNIT				
Pipes				Ln Ft:	Ln m:			
Surface Area	•			Sq Ft:	Sq m:			
Vol RACM off Facility Component				Cu Ft:	Cu yds: 4			
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	196	Complete: (2	121/96			
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: //	1/96	Complete: (2	121/96			

X. DESCRIPTION OF PLA Excavation of residential prope	erties utilizing standard construc	ENOVATION WORK AND METI etion techniques.	HOD(s) TO BE USED:		
OF ASBESTOS AT THE DEN	AOLITION AND RENOVATION	NEERING CONTROLS TO BE US ON SITE: nissions for engineering control. A			
XII. WASTE TRANSPORTE	ER #1				
Name: Quality Contractors	¹³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan		
Address: 113 Ondine Lane	685 Bridge City Avenue				
City: Slidell Bridge City	Staté: LA	Zip: 70458 43 70094	Telephone#: (\$04)646-0039 #3(\$04)436-7777		
WASTE TRANSPORTE	ER #2				
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals			
Address: 1713 Winchester Place	e				
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091		
XIII. WASTE DISPOSAL SIT	ΓE:				
Name: Jefferson Parish Landfi	il (Kelvin Landfill)				
Location: 5800 Avondale 90 V	Vest				
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244		
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT	AGENCY, PLEASE IDENTIFY	THE AGENCY:		
Name:		Title:	Authority:		
Date of order (MM/DD/YY)		Date ordered to begin (MM/DI	D/YY)		
XV. FOR EMERGENCY RE	NOVATIONS				
Date and hour of emergency (M	M/DD/YY):				
Description of the Sudden, Une	xpected Event:				
Explanation of how the event ca	aused unsafe conditions or woul	d cause equipment damage (or an t	unreasonable financial burden):		
NONFRIABLE ASBESTOS	MATERIAL BECOMES CRUMBLE	ENT THAT UNEXPECTED ASBESTOS D, PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER. :		
Crew will use wet methods to c	<u></u>				
XVII. I CERTIFY THAT AN INDIVI 61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHE	DUAL TRAINED IN THE PROVISIO ON-SITE DURING THE DEMOLITI D BY THIS PERSON WILL BE AVA	ONS OF THIS REGULATION (LAC 33:III ON OR RENOVATION AND EVIDENCE ILABLE FOR INSPECTION DURING NO	Chapter 27, Appendix A / 40 CFR PAR E THAT THE REQUIRED TRAINING DRMAL BUSINESS HOURS.		
	· · · · · · · · · · · · · · · · · · ·	(Signature of Owner/Oper	rator/Contractor)		
XVIII. I CERTIFY THAT THE ABO	VE INF()RMATION IS CORRECT.	(Signature of Owner/Oper	(10 -1 2 -96 rator/Contractor)		
URSUANT TO R.S.40:1574 A&B, BE ADV	ISED THAT NO CONSTRUCTION OR I	RENOVATION CAN BEGIN UNTIL THE PLA RMINED BY THAT OFFICE THAT PLANS A			

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8-31-98</u> SITE #: <u>557</u>		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:	_6'	=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		
SKETCH OR COMMENTS:		
A Mark		

(104845

TEAM MEMBERS:

(u) (d

METROPOLITAN DEVELOPMENTAL CENT

251 F. Edward Hebert Blvd. P. O. Box 7070 Belle Chasse, Louisiana 70037



John Martin EPA Region 6 65 FR 2 1445 Ross are Dollas TX 75202

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Tracking Number	558
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FIELD DATA SHEET 1

Occupant:	Interviewee: (b) (6)
Address: (b) (6)	Gretna LA
Phone No.: (b) (6)	
Owner Name Address and Phone No. if Dif	ferent Than Occupant
Site Description:	
Description of property (circle): single vacant house; vacant lot; other	home; duplex business; school; daycare; church;
2) Problems accessing yards (circle): locked resolution:	ed gate; gate, dogs; other
3) Underground utilities installed by owner? septic tank; other	· · · · · · · · · · · · · · · · · · ·
4) Is any underground ACM present? (circle) If yes, note on site sketch. How deep?	
Site Sketch: (b) (6) (7) (7) (7) (8) (9) (6)	locked outs ACM 3KN9 (b) (6)
(b) (6)	
Estimated Volume of ACM:	
(6) (6) (6) (Owner)	(M phone book)
Date/Time of Interview:	Access Granted (circle), yes, no
Team Members: Salin	11/7
	05-0558-510

Owners

(b) (6) (b) (6) # 559 # 926

recycled paper

The bills

ecology and environment

RENTER=

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address:__

State/Zip: <u>La. 70053</u> Phone Number(s):_

GRETNA

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

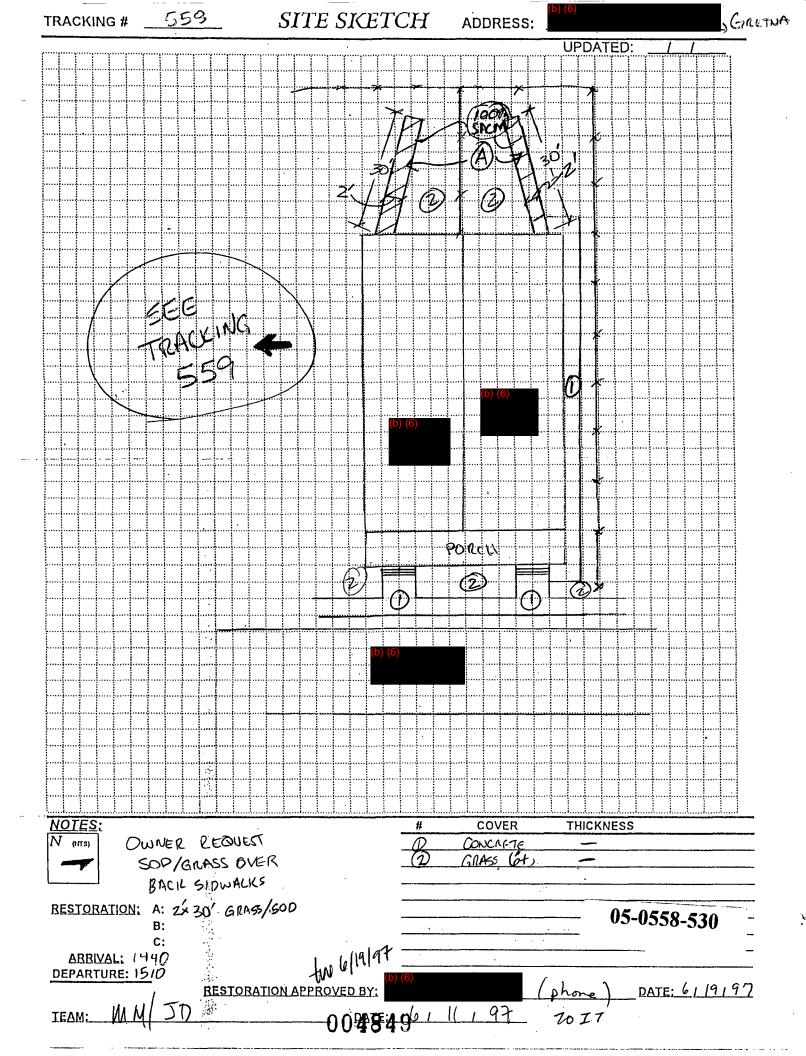
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SEPT. 12, 1996 DATE SIGNATURE

05-0558-520

gister (b) (6)



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

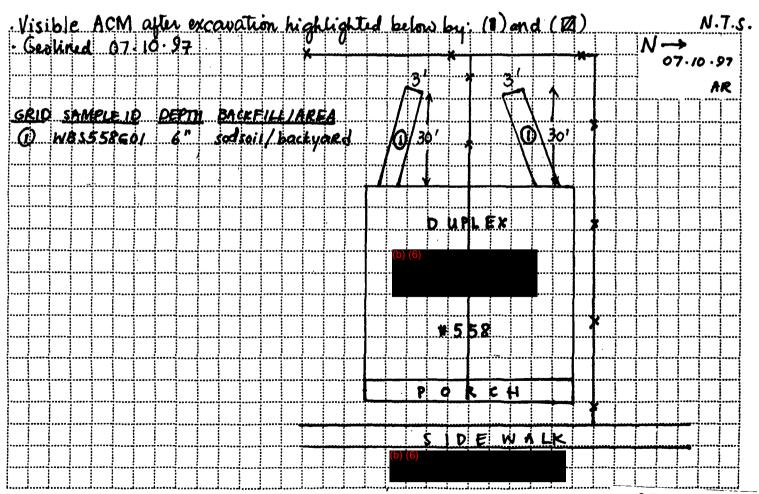
FYI:	
SITE# 558	ADDRESS: (b) (6)
	Gretna, LA

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ______

B. FURTHER ACTION NECESSARY:



05-0558-560

AUTHORIZED EPA/START REPRESENTATIVE) 1 WWW. 7/10/97

EMSL Analytical, Inc.

Attn.: Larry Roedl

Ecology & Environmental

11550 New Castle Avenue Baton Rouge, LA 70816 6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Monday, July 14, 1997

Ref Number: IN97461



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

	SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	<u>NONASBES</u> FIBROUS	TOS ;
l	WB\$716G03	(b) (6)	Brown	Crushed	< 1% Chrysotile	. Ï	1	80% Quartz
ı	•		Non-Fibrous		< 1% Crocidolite	•		20% Other
l	İ		Homogeneous		:	ı		i
	l .				1 .	ļ		,
	WBS697G01	•	Brown	Crushed	< 1% Chrysotile	1		80% Quartz
			Non-Fibrous		_	•		20% Other
			Homogeneous		•			; 1'
	! :.		•	• • • •				
	WBS697G02		Brown	Crushed	< 1% Chrysotile	. 1		80% Quantz
	;		Non-Fibrous		1			20% Other
	i		Homogeneous	:				
					1			:
	WBS697G03		Brown	Crushed	3% Chrysotile	· · · · · ·		80% Quartz
			Non-Fibrous		1% Crocidolite			16% Other
			Homogeneous		:			1
	! .			<u>.l</u> <i></i> .	•			1:
	WB\$1028G01			Crushed	< 1% Chrysotile	т		80% Quartz
	VV DQ 1020001		Non-Fibrous	Cidsiled	: 4 170 Omyaotila	;		20% Other
			Homogeneous		•			
						; _ j.,		<u> </u>
	WBS558G01			Crushed	< 1% Chrysotile			80% Quartz
	AAB2229G01		Brown	Crusned	< 1% Crocidolite			20% Other
			Non-Fibrous		- 170 0100100110	:		5
	i		Homogeneous	!	1	•		j
	t	•		:	•	•		į,

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Discraimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layared samples.

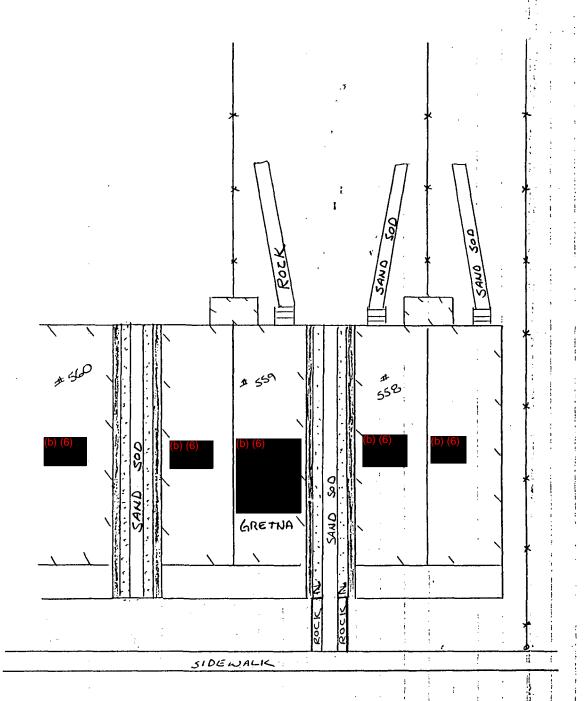
15-0:

05-0558-570

A Harman

"10"4851





05-0558-590

004852

WESTBANK ASBESTOS ABATEMENT

SUB 1 SIGNATURE

SUB 2 SIGNATURE

R	ES	TO	RA	TIC	NC	FO	RIV	1a
			4 N/N	,,,,				431

05-0558-590

558 SITE # 559

•	DATE	DATE	DATE	DATE			
-					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					12.00		
3od Installation (sq.yds.)					58. <u>50</u>		
5" Concrete Installation (sq. yds.)					·		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					58.5º		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					z. <u>∞</u>		
Sand (cu.yds.)					z4.°°		•
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:							
							
IT REPRESENTATIVE SIGNATUR	RE						

004853

NOTIF	TCATION OF DEMOLITION A	AND RENOVATION FORM (c	ontinued)
X. DESCRIPTION OF PLA Excavation of residential prope	ANNED DEMOLITION OR REN erties utilizing standard construction	NOVATION WORK AND METH on techniques.	HOD(s) TO BE USED:
OF ASBESTOS AT THE DEN	ORK PRACTICES AND ENGINE MOLITION AND RENOVATION g wet methods and no visible emis	N SITE:	
XII. WASTE TRANSPORTE	3R #1		
Name: Quality Contractors	^{#3} Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	*3 685 Bridge City Avenue		
City: Slidell *3 Bridge City	State: LA ·	Zip: 70458 *3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	R #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Plac	:e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	ſE:		•
Name: Jefferson Parish Landfi	ill (Kelvin Landfill)		
Location: 5800 Avondale 90 V	Vest		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DI	D/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	/M/DD/YY):		
Description of the Sudden, Une	expected Event:	W	
Explanation of how the event ca	aused unsafe conditions or would	cause equipment damage (or an u	inreasonable financial burden):
	RES TO BE FOLLOWED IN THE EVE MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.
Crew will use wet methods to c			
61, SUBPART M) WILL BE	IDUAL TRAINED IN THE PROVISION E ON-SITE DURING THE DEMOLITIO ED BY THIS PERSON WILL BE AVAIL	N OR RENOVATION AND EVIDENCI	THAT THE REQUIRED TRAINING
		(Signature of Owner/Open	ator/Contractor)
XVIII. I CERTIFY THAT THE ABO	VE INFORMATION IS CORRECT.	Just i Holy	10-12-96
		(Signature of Owner/Oper	ator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

# of ADVF's Requested	Parish # 1340	Source#		ADVF#							
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED							
II. FACILITY INFORMATION		Contact: John Martin									
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270									
Mailing Address: 1445 Ross Ave											
City: Dallas		State: TX		Zip: 75202	,						
REMOVAL CONTRACTOR: Quality I	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7500008							
Address: 113 Ondine Lane											
City: Slidell		State: LA		Zip: 70456							
Contact: Gerald Avery		Telephone: 5	04-646-0039								
OTHER OPERATOR:		DEQ Project	Designer #:								
Address:											
City:		State:		Zip:							
Contact:		Telephone:									
III. TYPE OF OPERATION (CIRC	Ordered Demo	Renovation	Emergency F	Reno							
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO Inspection Date: Jan Apr. 1996											
Inspector's Name: Debra Bendily (LD	DEQ)	Inspector's A	Accreditation #:	610685							
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)								
Building/Component Name: Home (#5	58)	Fire Marshall	l Project #:								
Street Address: (b) (6)			•								
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n						
Site Location: On side of house		Telephone: NA									
Building Size: NA	# of Floors: NA	Age in Years	: NA								
Present Use: NA		Prior Use: N	A								
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli			E, USED TO D	ETECT THE PR	ESENCE OF						
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement						
		Cat I	Cat II	UNIT							
Pipes				Ln Ft:	Ln m:						
Surface Area				Sq Ft:	Sq m:						
Vol RACM off Facility Component				Cu Ft:	Cu yds: 4						
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	196	Complete: /z/	121/96						
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	121/96								

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: _ SITE #: _	0558		ADDRESS:	(b) (6)	
ACM LOCATI	ED BENEATH:	HOUSE			
APPR. CRAV	VL SPACE HEIGHT:		::		
DESCRIPTIO	N OF ACM:	CHUNKS POWDER SLAB			
PERCENT O	F AREA (ACM)		=		
SKETCH OR	COMMENTS:				
	No Mrs. Acry				
	٦	TEAM MEMBERS: PM	7		
		(10.40~		05-05	558-540

004856

559 ♥
Tracking Number <u>5766</u>

FIELD DATA SHEET 1

Occupant: Address: Phone No.: Owner Name Address and Phone No if Different Than Occupant: Description: 1) Description of property (circle): single home; duple; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dags; other, resolution: 3) Underground utilities installed by owner? (circle): no) water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know. If yes, note on site sketch. How deep? Site Sketch: ACM 3x79' Estimated Volume of ACM: Comments: Crushed limestone dirt. between of the problem of the pro	Site Inform	ation:		(1) (0)	
Phone No.: Owner Name Address and Phone No. if Different Then Occupant: 1) Description of property (circle): single home; duples; business: school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): lock@gate; gate: dogs: other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas: electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: ACM 3'x 79' Estimated Volume of ACM: Comments: Crushed Limestone dirt. between 14:30 9 17 96 Access Granted (circle): yes; no yes here.	Occupant:	(6)		Interviewee: (b) (6)	
Owner Name Address and Phone No. if Different Then Occupant: 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	Address:				
Site Description: 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked sate; gate; dogs; other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: ACM 3x79' Estimated Volume of ACM: Comments: Crushed limestone dirt. between of Interview: 14:30 9 17 96 Access Granted (circle): yes; no yet has	Phone No.:				
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locker sate; leate; dogs; other resolution: locker sate; leate; locker sate; leate; locker sate; leate; locker sate; leate; locker sate; leate; locker sate; locker sate; leate; locker sate; lo	Owner Name	Address and Phone No.	if Different Than O	Coupant'	
vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: ACM 3/x 79' Site Sketch: ACM 3/x 79' Estimated Volume of ACM: Comments: Crushod limestone dirt, between 14:30 9/7 96 Access Granted (circle): yes; no yerba	Site Descrip	tion:		<u> </u>	
Tesolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: ACM 3/x 79' Diff Diff Estimated Volume of ACM: Comments: Crushed timestone dirt. between 14:30 9/17/96 Access Granted (circle): yes; no yerba				business; school;	daycare; church;
septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: ACM 3'x 79' Discrept of the sketch of the			locked gate; gate	; dogs; other CO Before	
If yes, note on site sketch. How deep? Site Sketch: ACM 3'x79' Discontinuous of acm ax79 (826) Estimated Volume of ACM: Comments: Crushed limestone dirt. between (516) Date/Time of Interview: 14:30 9/17/96 Access Granted (circle): (yes;) no yerba	septic tank	; other	wner? (circle): no;) water; gas; electric;	cable TV;
Estimated Volume of ACM: Comments: Comment				don't know	
Estimated Volume of ACM: Comments: Crushed Limestone dirt. between (5) (6) Date/Time of Interview: 14:30 9/17/96 Access Granted (circle): (yes;) no yerba	Site Sketch:		Acm :	3'x79'	
Estimated Volume of ACM: Comments: Crushed Limestone dirt. between (5) (6) Date/Time of Interview: 14:30 9/17/96 Access Granted (circle): (yes;) no yerba	31'			(b) (6)	(b) (6)
Estimated Volume of ACM: Comments: Crushed Limestone dirt. between (5) (6) Date/Time of Interview: 14:30 9/17/96 Access Granted (circle): (yes;) no yerba		- ACI	m ax79	(826)	
Estimated Volume of ACM: Comments: Crushed limestone dirt. between (b) (6) Date/Time of Interview: 14:30 9/17/96 Access Granted (circle): (yes;) no yerba	,				_ + / /
Date/Time of Interview: 14:30 9/17/96 Access Granted (circle): (yes;) no yerba	Estimated Vol	ume of ACM:			
Date/Time of Interview: 14:30 9/17/96 Access Granted (circle): (yes;) no Verba		J O		Umestone in	back of (b) (6)
	Date/Time of	Interview: 14:30	9/17/96		
		(101 T.)			inthe

TRACKING# \$59/560

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: Property's Address:	(0) (6)		- GRETNA	
State/Zip: LA - 70053	Phone Number(s):_	(b) (6)		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

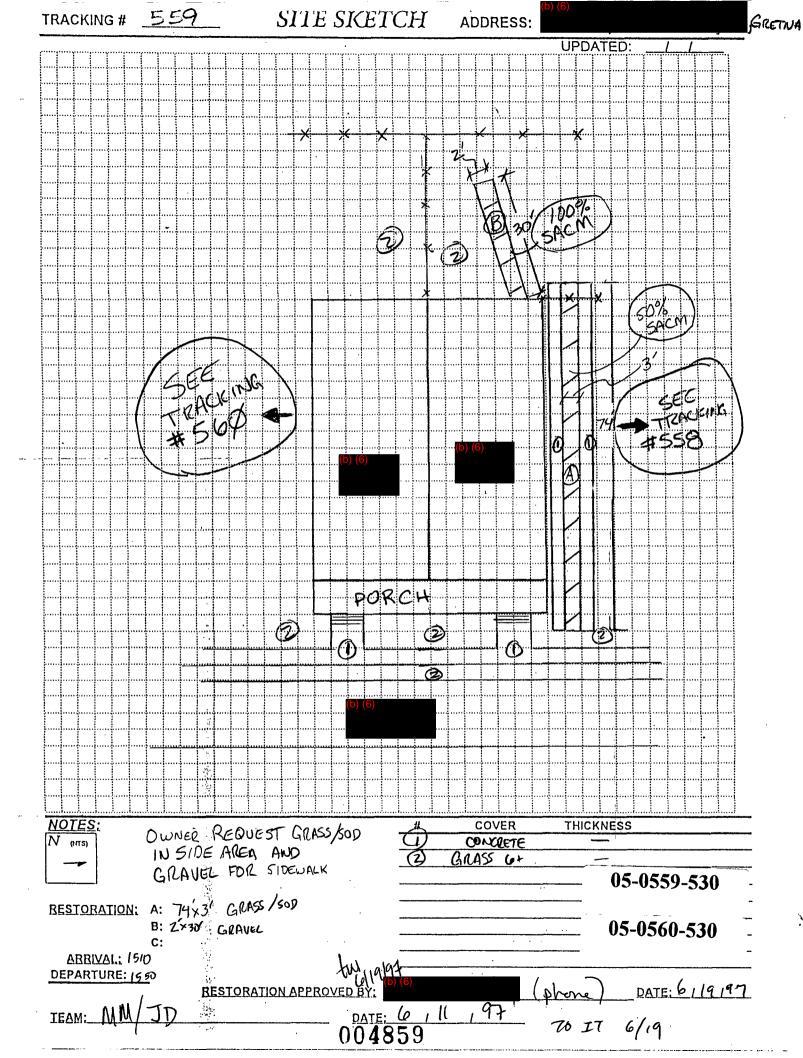
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

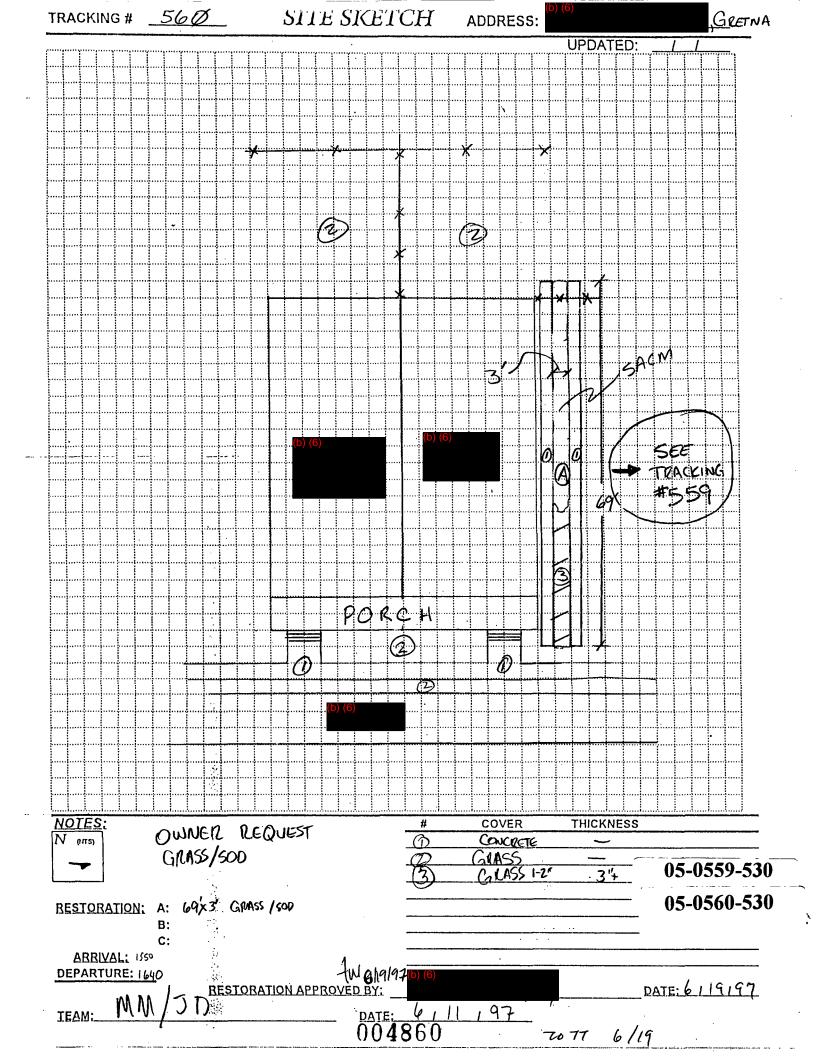
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Sept. 12, 1996 Date SIGNATURE

05-0559-520

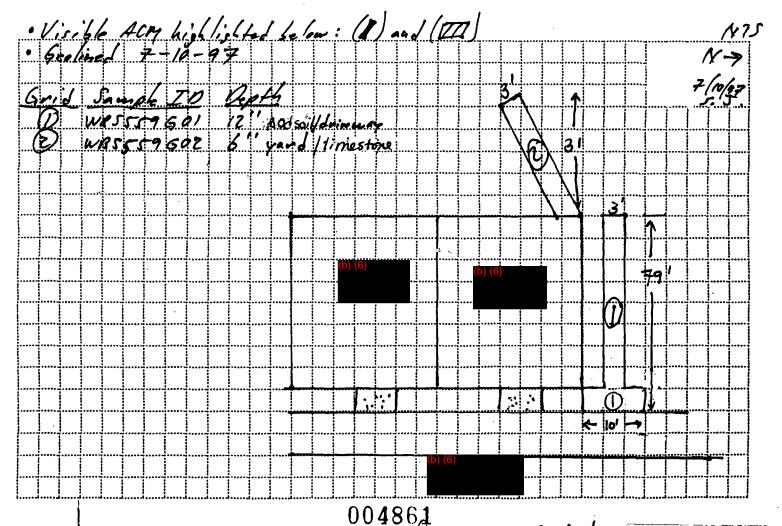
05-0560-520





WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

O'k		ANT LUZZIY.				
FYI:		ı	b) (6)			
SITE# 5-5-9	A	ADDRESS:	Gretna	, L	. A	_
THE SAMPLE ANALYSIS RESULTS FO WERE EVALUATED BY THE USEPA S					CEIVED AND	
BASED ON AN EVALUATION OF THE ACTION:	ANALYTICA	AL DATA, WE	RECOMMEN	ND THE	FOLLOWING	
GRID#:	1 2	3 4	5 6	7	8	
A. PROCEED WITH RESTORATION:	<u> </u>	+-				
B. FURTHER ACTION NECESSARY:		<u> </u>			_	



AUTHORIZED EPA/START REPRESENTATIVE

05-0559-560

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:																																
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AUTHORIZED EPA/START REPRESENTATIVE _

Red

05-0560-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Larry Roedl

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Monday, July 14, 1997

Ref Number: IN97461



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ashe:</u> %	<u>STOS</u> TYPE	%	<u>nonasb</u> Fibrous	ESTOS % NONFIBROUS
WBS559G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chry	/sotile			80% Quartz 20% Other
WBS559G02		Brown : Non-Fibrous Homogeneous	Crushed	< 1% Chry	/sotile			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

05-0559-570

05-0560-570

Approved Signatory

Jane Wasilewski Analyst

Disclaimers: PLM has been known to miss esbeatos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsament by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory it not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

3

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Larry Roed! **Ecology & Environmental**

11550 New Castle Avenue Baton Rouge, LA 70816

3175705894

Tuesday, July 15, 1997

Ref Number: IN97471



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	%	NONASBESTOS FIBROUS % NONFIBROUS
WBS1052G03	(b) (6)	Brown Non-Fibrous Hornogeneous	Crushed	< 1% Chrysotile	1	80% Quartz 20% Other
WBS560G01		Brown Non-Fibrous Homogen s ous	Crushed	< 1% Chrysotile		80% Quartz 20% Other
WBS235G01;		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		80% Quartz 20% Other
WB\$235G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WB\$235G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS927G01		: Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile 1% Crocidolite		80% Quartz 17% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsemples.

05-0559-570

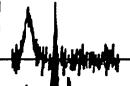
tane Wasilewski

Analyst

05-0560-570

Approved Signatory

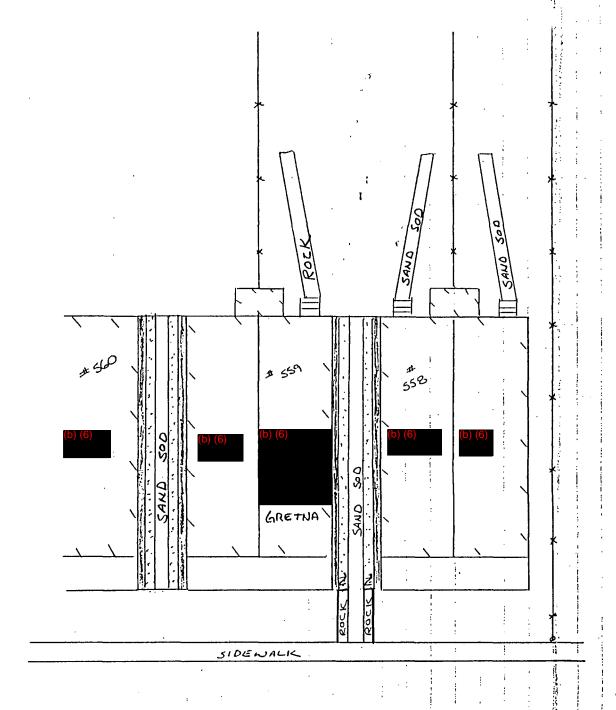
2



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsament by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

^{*} NY samples also analyzed by ELAP 198-1 Method





05-0559-590

05-0560-590

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WESTBANK ASBESTOS ABATEMENT

REST	ORATIC	N FORM
SITE #	558 559	

	DATE	DATE	DATE	DATE			i) (
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Rock Installation (sq.yds.)					12.00		1
Fod Installation (sq.yds.)					58.50		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6" Concrete Installation (sq. yds.)					· · · · · · · · · · · · · · · · · · ·		
4" Concrete Installation (sq. yds.)							2.
Sand Installation (sq.yds.)					58.59	-	St. St.
Lower Lift Sand					1		1,000
Rock, Brown (cu.yds.)					 		
Rock, Gray (cu.yds.)					Z. <u>50</u>		
Sand (cu.yds.)					Z4.ºº		!
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						•	1
Topsoil (cu.yds.)	·						1 3 3
EXTRA						<u> </u>	
: : :	Site Ske	tch on B	ack of P	age			
COMMENTS:						•	
			·				
							9
IT REPRESENTATIVE SIGNATU	RE					05-0559-59	90
SUB 1 SIGNATURE	·					05 0540 S	:00
SUB 2 SIGNATURE		004	866	1		05-0560-5	ラフ ひ

1	<u>PEMOLITION AND RE</u>		FORM FO	RM AAC-2 REV 5	<u>/12/95</u>	
# of ADVF's Requested [Parish # 1340	Source #		ADVF#		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)	
II. FACILITY INFORMATION	Contact: Joh	n Martin				
OWNER NAME: U.S. EPA Region 6	Telephone: 2	214-665-2270				
Mailing Address: 1445 Ross Ave						
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane						
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:			
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRC	LEI ONE) (Demo)	Ordered Demo	Renovation	Emergency I	Reno	
IV. IS ASBESTOS PRESENT? (CI	ACLEONE) YES NO	Inspection D	ate: Jan Apr.	1996		
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:	610685		
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number))		
Building/Component Name: Home (#5	59)	Fire Marshal	l Project #:			
Street Address: (b) (6)						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n	
Site Location: On side of house		Telephone: N	١A			
Building Size: NA	# of Floors: NA	Age in Years	:: NA			
Present Use: NA		Prior Use: NA				
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116						
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: (1) Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below		
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component				Cu Ft:	Cu yds: 4	
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: u/7/96 Complete: (2/2/96			-/2//96	
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: u	17/86	Complete:	2/21/96	

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.						
OF ASBESTOS AT THE DEM	RK PRACTICES AND ENGINE IOLITION AND RENOVATION Wet methods and no visible emis	N SITE:				
XII. WASTE TRANSPORTE	R #1					
Name: Quality Contractors	¹³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan			
Address: 113 Ondine Lane	¹³ 685 Bridge City Avenue		·			
City: Slidell ⁵³ Bridge City	State: LA	Zip: 70458 63 70094	Telephone#: (504)646-0039 #3(504)436-7777			
WASTE TRANSPORTE	IR #2					
Name: B & S Equipment Co., I	inc.	Contact Person: Billy Ryals				
Address: 1713 Winchester Place	e					
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091			
XIII. WASTE DISPOSAL SITE:						
Name: Jefferson Parish Landfill (Kelvin Landfill)						
Location: 5800 Avondale 90 West						
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244			
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:						
Name: Title: Authority:						
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD)/YY)			
XV. FOR EMERGENCY RENOVATIONS						
Date and hour of emergency (MM/DD/YY):						
Description of the Sudden, Unexpected Event:						
Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):						
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO PO'	S FOUND OR PREVIOUSLY WDER.			
Crew will use wet methods to co			•			
XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III. Chapter 27, Appendix A / 40 CFR PAR 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.						
		(Signature of Owner/Opera	ator/Contractor)			
EVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT. Guele 1 10 - 12 - 96						
	•	(Signature of Owner/Opera	itor/Contractor)			

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

PURSUANT TO R.S. 40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

NOTIFICATION OF	DEMOLITION AND RE	NOVATION	FORM FOI	RM AAC-2 REV 5	/12/95	
# of ADVF's Requested 1	Parish # 1340	Source #		ADVF#		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)	
II. FACILITY INFORMATION	Contact: John	n Martin				
OWNER NAME: U.S. EPA Region 6	Telephone: 2	214-665-2270				
Mailing Address: 1445 Ross Ave						
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's l	Liscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane		-				
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery	Telephone: 5	04-646-0039				
OTHER OPERATOR:	DEQ Project	Designer #:				
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno	
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996		
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 610685				
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		,	
Building/Component Name: Home (#5	60)	Fire Marshall	l Project #:			
Street Address: (6) (6)						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n	
Site Location: On side of house		Telephone: N	IA.	· · · · · · · · · · · · · · · · · · ·		
Building Size: NA	# of Floors: NA	Age in Years	: NA			
Present Use: NA	Prior Use: NA					
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116						
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement	
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component				Cu Ft:	Cu yds: 3	
VIII. SCHEDULED DATES ASBESTOS REM	Start: 11/7/96 Complete: (2/21/96					
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	7/96	Complete:	2/21/96	
			· ·			

OF ASBESTOS AT THE DEMO	OLITION AND RENOVATION wet methods and no visible emi R #1 ** Vaughan Contractors ** 685 Bridge City Avenue State: LA	EERING CONTROLS TO BE US N SITE: issions for engineering control. A Contact Person: Jerry Avery	SED TO PREVENT EMISSIONS Ambient air monitoring/sampling H.P. Vaughan Telephones: (504)646-0039 #3(504)436-7777		
Name: Quality Contractors Address: 113 Ondine Lane City: Slidell Bridge City WASTE TRANSPORTER	No Vaughan Contractors No 685 Bridge City Avenue State: LA R #2		Telephone#: (504)646-0039		
Address: 113 Ondine Lane City: Slidell Bridge City WASTE TRANSPORTER	% 685 Bridge City Avenue State: LA		Telephone#: (504)646-0039		
City: Slidell Bridge City WASTE TRANSPORTER	State: LA	Zip: 70458 ** 70094	Telephone#: (504)646-0039 #3(504)436-7777		
WASTE TRANSPORTER	R #2	Zip: 70458 **3 70094	Telephone#: (504)646-0039 #3(504)436-7777		
			1		
Name: B & S Equipment Co Ir	ıc.				
Tume: D & D Equipment Co., 12		Contact Person: Billy Ryals			
Address: 1713 Winchester Place					
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091		
XIII. WASTE DISPOSAL SITE	3:				
Name: Jefferson Parish Landfill	(Kelvin Landfill)				
Location: 5800 Avondale 90 We	est				
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244		
XIV. IF DEMOLITION ORDE	RED BY A GOVERNMENT A	AGENCY, PLEASE IDENTIFY	THE AGENCY:		
Name:		Title:	Authority:		
Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)					
XV. FOR EMERGENCY REN	IOVATIONS				
Date and hour of emergency (MI	M/DD/YY):				
Description of the Sudden, Unex	pected Event:				
Explanation of how the event cau	sed unsafe conditions or would	cause equipment damage (or an t	unreasonable financial burden):		
	MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS , PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY OWDER.		
Crew will use wet methods to co. XVII. I CERTIFY THAT AN INDIVID 61, SUBPART M) WILL BE C HAS BEEN ACCOMPLISHED	UAL TRAINED IN THE PROVISION ON-SITE DURING THE DEMOLITIO	IS OF THIS REGULATION (LAC 33:III ON OR RENOVATION AND EVIDENCE LABLE FOR INSPECTION DURING NO	I. Chapter 27, Appendix A / 40 CFR PAR E THAT THE REQUIRED TRAINING ORMAL BUSINESS HOURS. 10-/2-86		
•		(Signature of Owner/Ope	/ rator/Contractor)		
XVIII. I CERTIFY THAT THE ABOVE	E INFORMATION IS CORRECT.	July 1 H	Jr 10-12-26		
URSUANT TO R.S.40:1574 A&B, BE ADVIS EVIEWED BY THE OFFICE OF THE STA	SED THAT NO CONSTRUCTION OF PE	(Signature of Owner/Oper	-		

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895 05-0560-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>B-6-</u> SITE #: <u>05</u>			ADDRESS: (b) (6)
ACM LOCATED BENEA	ATH:	HOUSE SHED	
APPR. CRAWL SPACE	HEIGHT:		
DESCRIPTION OF ACI	М:	CHUNKS POWDER SLAB	
PERCENT OF AREA (A	ACM)		
SKETCH OR COMMEN	NTS:		
7,	10 US. Ray		
	TEAM MEM	BERS: PN	M

004871

05-0559-540

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8-6-98</u> SITE #: <u>0560</u>	ADDRESS: (b) (6)
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
No Vis Acad	
TEAM MEMBERS:	PM

1104872

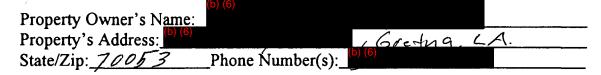
05-0560-540

Tracking Number	561

FIELD DATA SHEET 1

Comments: CVUShed limestone ledge Date/Time of Interview: 101996 Access Granted (circle) (vest) no many factors and the ledge of the	Site Information:	
Phone No.: Owner Name Address and Phone No. if Different Than Occupant: Description Description of property (circle): Smigle home; duplex; business; school; daycare; church; vacant house		Interviewee: (b) (6)
Changer Name Address and Phone No. if Different Than Occupant: Description:	Address:	, Gretna LA.
Site Description: 1) Description of property (circle): Single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other 10 resolution: 3) Underground utilities installed by owner? (circle): no) water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: ACM Estimated Volume of ACM: Comments: Crushed I mestone ledge Date/Time of Interview: 01996 Access Granted (circle) yes; no access of the circle and contains the contains t	Phone No.:	
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other	(0) (6)	an Occupant:
vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: ACM Estimated Volume of ACM: Comments: CYUShed limestone ledge Date/Time of Interview: 0996 Access Granted (circle) yes no water; gas; electric; cable TV; septic tank; other most selectric; other most selectric; othe		
resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other		
Site Sketch: ACM Estimated Volume of ACM: Comments: Crushed limestone ledge Date/Time of Interview: 0996 Access Granted (circle) yes; no; don't know of the comment of the circle yes; no; don't know of the comment of the circle yes; no; don't know of the comment of the circle yes; no; don't know of the circ		gate; dogs; other <u>N</u> O
If yes, note on site sketch. How deep? Site Sketch: ACM House Estimated Volume of ACM: Comments: Crushed limestone ledge Date/Time of Interview: 1996 Access Granted (circle) (yes: no	septic tank; other	no; water; gas; electric; cable TV;
Estimated Volume of ACM: Comments: CYUShed limestone ledge Date/Time of Interview: 101996 Access Granted (circle) (ves. no		no; don't know
Estimated Volume of ACM: Comments: Cirushed limestone ledge Date/Time of Interview: 01996 Access Granted (circle) (ves: no	Site Sketch:	1
Estimated Volume of ACM: Comments: Cirushed limestone ledge Date/Time of Interview: 01996 Access Granted (circle) (ves: no	ACM	
Estimated Volume of ACM: Comments: CVUShed limestone ledge Date/Time of Interview: 101996 Access Granted (circle) (vest) no many such		
Comments: CVUShed limestone ledge Date/Time of Interview: 101996 Access Granted (circle) (vest) no interview.	Hov	SL The state of th
Date/Time of Interview: 101996 Access Granted (circle) ves: no	Estimated Volume of ACM:	
	Comments: Crushed limestone	edge
	Date/Time of Interview: 10/19/96	Access Granted (circle) ves: no
	Team Members: Www VN Dh	1911419

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE



I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination,
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

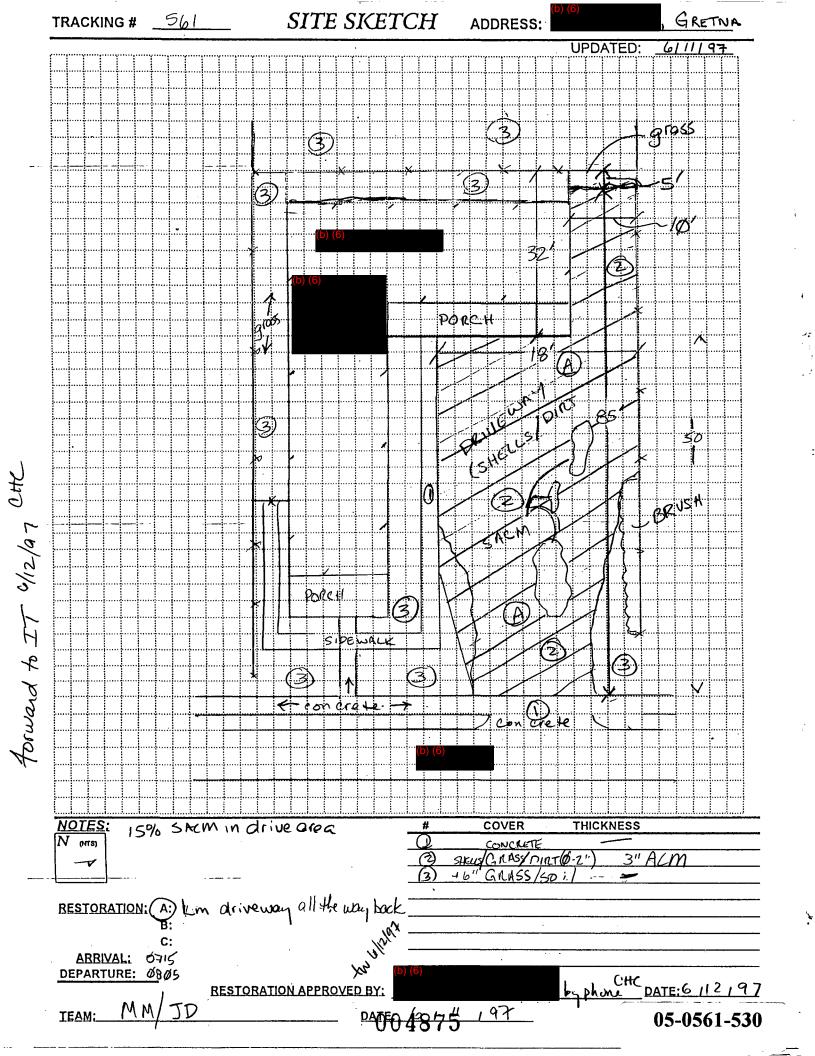
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/18/96 DATE (b) (6)

SIGNATURE

05-0561-520



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

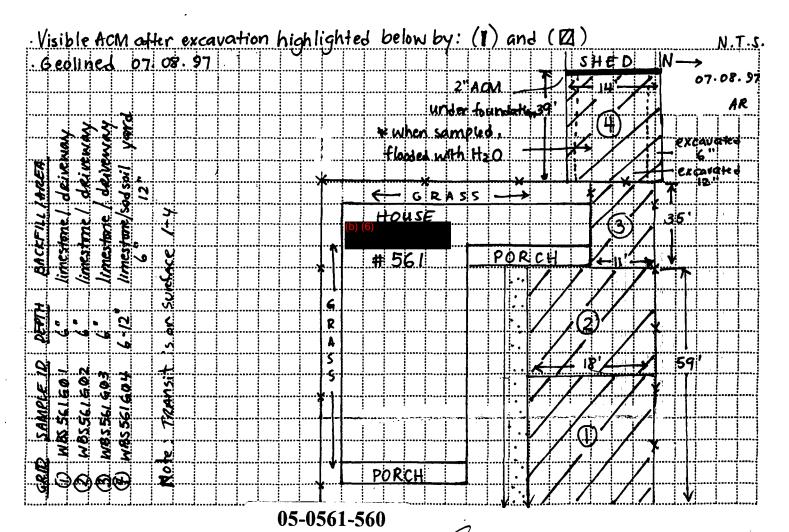
FYI:		
SITE# _561	ADDRESS: (b) (6)	_
	GRetna, LA	_

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No and as of 7-9-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 6 7 8

A. PROCEED WITH RESTORATION: $\sqrt{\ }\sqrt{\ }$ B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATION 1876 Seureme Franche

EMSL Analytical, Inc.

Attn.: Larry Roedi

Ecology & Environmental

11550 New Castle Avenue Baton Rouge, LA 70816 6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Thursday, July 10, 1997

Ref Number: IN97441



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASSESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASSESTOS % Type	*	NONASBES FIBROUS	<u>TOS</u> % NONFIBROUS
WB8952G01	(b) (6)	Brown	Crushed	< 1% Chrysotile		· ··	
		Non-Fibrous	Crusnua	< 1% Crockdolite			80% Quartz 20% Other
[Ногподелевия		- 1 % CIOCAGAILE			TON OUR!
WB8952G02		Brown	Crushed	< 1% Chrysottle	-		60% Quartz
		Non-Fibrous Homogeneous		The Chily Country			40% Other
WB8212G01		Brown	Crushed	< 1% Chrysotlia	;		80% Quertz
		Non-Fibrous		< 1% Crocidolite			20% Other
		Homogeneous	İ				
WB8212G02		: Brown	Crushed	< 1% Chrysotile	- 	• .,	60% Quartz
		Non-Fibrous		< 1% Credidolite	!		40% Other
		Homogeneous	İ				
WB8561G01		Brown	Crushed	2% Chrysotile			60% Quartz
		Non-Fibrous					38% Other
ı		Homogeneous					
							•
WBS561G02		Brown	Crushed	< 1% Chrysotile			80% Quartz
		Non-Fibrous	!		į		20% Other
, ,	ł	Homogeneous	i				

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is engigzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also enalyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Discisimers: PLM has been known to miss expector in a small percentage of samples which contain assessor. Thus negative PLM results cannot be guaranteed. Ploor tiles and wipes should be tested with either 8EM or TEM. The above test report reletes only to the items tested. This report may only be reproduced in full with written approvably EMSL. The above test must not be used by the client to claim product endorsament by NVLAP has any agency of the United States Government. All "NVLAP" reports with NVLAP logo must comain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Sulk #200188-0).

05-0561-570



EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

70-5894 EM

Attn.: Larry Roed!

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Thursday, July 10, 1997

Ref Number: IN97441

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

Sample	LOCATION	<i>APPEARANCE</i>	Sample Treatment	ASBESTOS % Type	<u>Nonasi</u> % Fibrous	<u>VESTOS</u> % NONFIBROUS
WB8561G03	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		60% Quertx 40% Other
WBS561Q04		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other
WB8789G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crookfolite		80% Quartz 20% Other
WB\$789G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlie		80% Quartz 20% Other
WB8789G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		80% Quartz 20% Other
WBS218G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layere" refers to number of separable subsamples.

* NY samples also enalyzed by ELAP 198-1 Method

Mayaut & Phillips
Margaret Phillips
Analyst

Approved Signatory



Disclatmers: PLM has been known to miss subestor in a small percentage of samples which contain subestors. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tasted with either SEM or TEM. The above test report initiates only to the terms tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by RVLAP nor any agency of the United States Government. All "RVLAP" reports with RVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically superists and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Sulk #200185-0).

2



Ву_РМ_	_Date <u>7-9-97</u>	Subject ACTUAL	REMOVAL SITE # 561	_Sheet Noof
Chkd. By	Date			_ Proj. No

SAND ROCK Ro GRETNA ROCK ROCK SIDEWALK 05-0561-590

004879

WESTBANKIASBESTOS ABATEMENT

RESTORATION FORM

05-0561-590

SITE# 561

	DATE	DATE	DATE	DATE			_
					EST. QTY.	ACTUAL QTY.	ACT.
							T
ock installation (sq.yds.)					270,00	······································	
od Installation (sq.yds.)			<u> </u>				
Concrete Installation (sq. yds.)							
Concrete Installation (sq. yds.)							
and Installation (sq.yds.)					65. <u>50</u>		
ower Lift Sand							
ock, Brown (cu.yds.)						· · · · · · · · · · · · · · · · · · ·	
ock, Gray (cu.yds.)					50 ,∞		
and (cu.yds.)		·			12.00		11
oncrete (cu.yds.)						·=···	
astic Edging (ft.)							
alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)							
XTRA						<u></u>	
	Site Ske	tch on B	ack of Pa	age			
OMMENTS:						•	
			·				
	`						

004880

SUB 2 SIGNATURE

NOTIFICATION OF	DEMOLITION AND RE	NOVATION	FORM FO	RM AAC-2 REV 5	/12/95
# of ADVF's Requested 2	Parish # 1340	Source #		ADVF#	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)
II. FACILITY INFORMATION		Contact: Joh	n Martin		
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270		
Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane					
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:					
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	LLE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) (ES NO	Inspection D	ate: Jan Apr.	1996	
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:	610685	
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		
Building/Component Name: Home (#5	61)	Fire Marshal	l Project #:		
Street Address:(b) (6)					
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n
Site Location: On side of house		Telephone: N	IA.		
Building Size: NA	# of Floors: NA	Age in Years	: NA		
Present Use: NA		Prior Use: N.	A		
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF And a second secon	APPROPRIAT 8/116	E, USED TO D	ETECT THE PR	ESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement
		Cat I	Cat II	UNIT	
Pipes	·			Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 13
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: u/	7/96	Complete:	2/21/86
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	1 () (Complete:	1 161

X. DESCRIPTION OF PLA Excavation of residential propo	ANNED DEMOLITION OR RI erties utilizing standard construc	ENOVATION WORK AND MET etion techniques.	HOD(s) TO BE USED:
OF ASBESTOS AT THE DEM	MOLITION AND RENOVATION	NEERING CONTROLS TO BE U. ON SITE: nissions for engineering control.	
XII. WASTE TRANSPORTI	BR #1		
Name: Quality Contractors	⁷³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan
Address: 113 Ondine Lane	685 Bridge City Avenue		
City: Slidell Bridge City	State: LA	Zip: 70458 ** 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTI	ER #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	:e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SI	re:		
Name: Jefferson Parish Landf	ill (Kelvin Landfill)		
Location: 5800 Avondale 90 V	Vest		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT	AGENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/D)	D/YY)
XV. FOR EMERGENCY RE	ENOVATIONS		
Date and hour of emergency (N	MM/DD/YY):		·
Description of the Sudden, Une	expected Event:		
Explanation of how the event c	aused unsafe conditions or woul	d cause equipment damage (or an	unreasonable financial burden):
NONFRIABLE ASBESTOS	MATERIAL BECOMES CRUMBLE	ENT THAT UNEXPECTED ASBESTOS D, PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY OWDER.
	IDUAL TRAINED IN THE PROVISION ON STITE DURING THE DEMOLITI	ONS OF THIS REGULATION (LAC 33:III ON OR RENOVATION AND EVIDENC LILABLE FOR INSPECTION DURING N	
		(Signature of Owner/Ope	
XVIII. I CERTIFY THAT THE ABO	VE INFORMATION IS CORRECT.	(Signature of Owner/Ope	10 - 12 - 96
URSUANT TO R.S.40:1574 A&B, BE AD	VISED THAT NO CONSTRUCTION OR I	RENOVATION CAN BEGIN UNTIL THE PL RMIDED BY THAT OFFICE THAT PLANS	-

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

1104392

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

05-0561-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8-6-98</u> SITE#: <u>0561</u>		ADDRESS: (b) (6)
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
	Coul	VIS. ACM UNDER HOUSE. D NOT ACCESS SHED DUE OCKED GATE.
TEAM ME	MBERS: PA	
		05-0561-540

(104883

FIELD DATA SHEET 1

Site Information:	
Occupant: Renders Interviewee:	
BRETNA, LA 76053	
Phone No.:	
Owner Name Address and Phone No. if Different Than Occupant: (b) (6) (c) (6)	
Site Description:	
1) Description of property (circle): single home duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other	
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
Site Sketch: GARAGE A 13 ACM SIDEWALK	mc -Carport
(b) (6)	
Estimated Volume of ACM:	`
concrete both sides. Give one week notice for him to tear	
down carport.	
Date/Time of Interview: 10:45 (0/16 Access Granted (circle): yes; no	
Team Members: KJ/TC	

Property Owner's Name: Property's Address: Phone Number(s): | CONSENT FOR ACCESS TO PROPERTY | WESTBANK ASBESTOS SITE | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Discourse | Dis

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

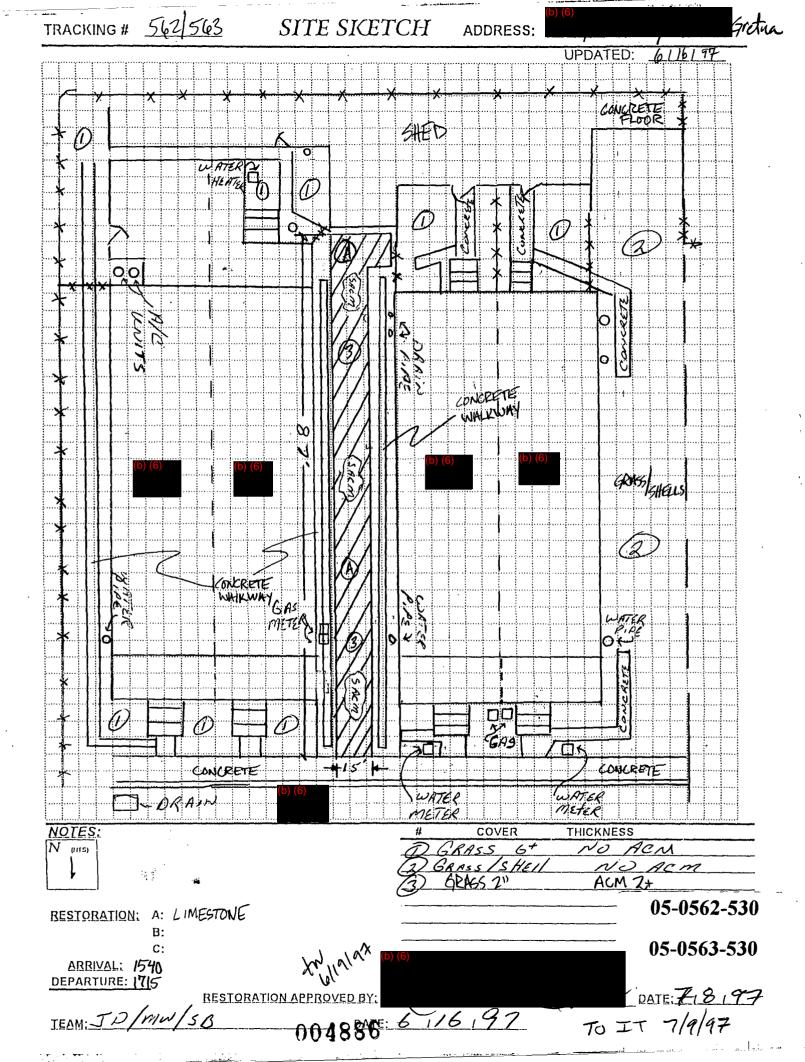
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-16-96 DATE

05-0562-520

SIGNATURE

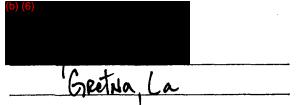


WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 562 563

ADDRESS:



THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 7-10-97

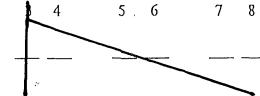
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

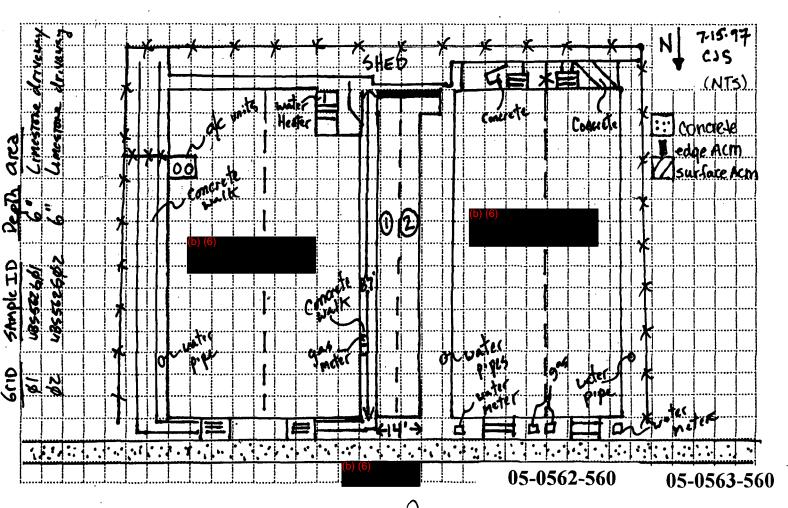
GRID#:

1, 2

B. FURTHER ACTION NECESSARY:

A. PROCEED WITH RESTORATION:





AUTHORIZED EPA/START REPRESENTATIVE 38 PANDANA U. Storey 7-16-97

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Barbara Storey **Ecology & Environmental** 11550 New Castle Avenue Baton Rouge, LA 70816

Thursday, July 17, 1997

Ref Number: 1N97513

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

EMSL

Project: WESTBANK ASBESTOS SITE 020601RAG1

SAMPLE	LOCATION	<i>APPEARANCE</i>	SAMPLE TREATMENT	<u>Asbes</u> %	TOS TYPE	%	<u>NONASBES</u> FIBROUS	TOS %NONFIBROU
WBS869G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrys	sotlie	! 		80% Quartz 20% Other
WB\$225G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chry	,			80% Quartz 18% Other
 WB\$562G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chry	sotile			80% Quartz 20% Other
WB\$562G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chry	sotile		· · · · · · · · · · · · · · · · · · ·	80% Quartz 20% Other
WB\$532G01		Brown Non-Fibrous Homogeneous	Crushed	None	Detected	-		80% Quartz 20% Other
WBS532G02		Brown Non-Fibrous Homogeneous	:Crushed	< 1% Chry < 1% Croc				80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

05-0562-570

05-0563-570 Jane Wasilewski Analyst

Approved Signatory

Discialmers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above lest must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #206) 88-0):





Date 7-1697 Subject Restoration site # 562/563 Sheet No. of Chkd. By____ Proj. No. _ Date Rock ROCK GRETHA ROCK SIDEWALK

05-0562-590

05-0563-590

WESTBANK ASBESTOS ABATEMENT

RESTORATION FORM

SITE # 562/563

4). 1.	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
ock Installation (sq.yds.)					144.50	<u> </u>	CONT
od Installation (sq.yds.)							
" Concrete Installation (sq. yds.)							
" Concrete Installation (sq. yds.)							
and Installation (sq.yds.)							
ower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					34,≌		
and (cu.yds.)							<u>;</u>
Concrete (cu.yds.)						••••••	 -
Plastic Edging (ft.)		****					
Valkway Rock Inst. (sq.yds.)	ļ					•	
opsoil (cu.yds.)							-
XTRA		· · · · · · · · · · · · · · · · · · ·					
	Site Ske	tch on B	ack of F	age			
COMMENTS:							
					·		
						 	
T REPRESENTATIVE SIGNATU	RE					05-056	2-590
SUB 1 SIGNATURE SUB 2 SIGNATURE		00 4	1890	ı		05-056	3-590

# of ADVF's Requested 3	Parish # 1340	NOVATION Source #	FORM FOR	ADVF#	/12/95
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED	<u> </u>
II. FACILITY INFORMATION		Contact: John	n Martin	<u> </u>	
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270		
Mailing Address: 1445 Ross Ave	* 				
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	iscense #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			·		
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039	<u> </u>	
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:					
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996	
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	ccreditation #:	610685	
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		
Building/Component Name: Duplex (#	562)	Fire Marshall	Project #:		
Street Address: (b) (6)					
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	<u>n</u>
Site Location: On side of house		Telephone: N	IA .		
Building Size: NA	# of Floors: NA	Age in Years	: NA		
Present Use: NA		Prior Use: N	A		
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Annual Report of the ALYTICAL METHOD IF A	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:). Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement
		Cat I	Cat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component		,		Cu Ft:	Cu yds: 21
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: 11/1	1/96:	Complete: ¿≥	121/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) Start: u/ 11/96 Complete: \(\(\(2 \) \) \(2 \) / 21/96					

X. DESCRIPTION OF PLA Excavation of residential prope	ANNED DEMOLITION OR RE	ENOVATION WORK AND MET tion techniques.	THOD(s) TO BE USED:
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATIO	N SITE:	JSED TO PREVENT EMISSIONS Ambient air monitoring/sampling
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	⁸ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	¹³ 685 Bridge City Avenue		`
City: Slidell Bridge City	State: LA	Zip: 70458 *3 70094	. Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	IR #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	·
Address: 1713 Winchester Plac	е		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	TE:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT	AGENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Tide:	Authority:
Date of order (MM/DD/YY)	·	Date ordered to begin (MM/D	DD/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	(M/DD/YY):	•	
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	aused unsafe conditions or woul	d cause equipment damage (or an	unreasonable financial burden):
		ENT THAT UNEXPECTED ASBESTOS D, PULVERIZED, OR REDUCED TO P	S IS FOUND OR PREVIOUSLY OWDER.
Crew will use wet methods to c			
XVII. I CERTIFY THAT AN INDIVI 61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHE	DUAL TRAINED IN THE PROVISIO ON-SITE DURING THE DEMOLITI D BY THIS PERSON WILL BE AVA	NS OF THIS REGULATION (LAC 33:1 ON OR RENOVATION AND EVIDENC ILABLE FOR INSPECTION DURING	III. Chapter 27, Appendix A / 40 CFR PAR CE THAT THE REQUIRED TRAINING NORMAL BUSINESS HOURS.
		(Signature of Owner/Op	perator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	VE INFORMATION IS CORRECT.	Just 2 K	16-12-86
PURSUANT TO R.S.40:1574 A&B, BE ADV	TSED THAT NO CONSTRUCTION OR I	(Signature of Owner/Op ENOVATION CAN BEGIN UNTIL THE P	erator/Contractor) LANS AND SPECIFICATIONS ARE ARE NOT REQUIRED TO BE SUBMITTED

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

1	DEMOLITION AND RE	NOVATION Source #	FORM FO	RM AAC-2 REV 5	112/95
# of ADVF's Requested 2	Parish # 1340	Source #		ADVF#	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED	
II. FACILITY INFORMATION		Contact: Joh	n Martin		
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270		
Mailing Address: 1445 Ross Ave		···•			
City: Dallas		State: TX		Zip: 75202	·····
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7500008	
Address: 113 Ondine Lane				<u> </u>	
City: Slidell		State: LA	·	Zip: 70456	
Contact: Gerald Avery		Telephone: 5	504-646-0039		
OTHER OPERATOR:		DEQ Project	t Designer #:	···	
Address:				·	
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency F	Reno
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996	
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:	6I0685	
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	r room number)		
Building/Component Name: Duplex (#	563)	Fire Marshal	l Project #:		_
Street Address: (b) (6)					
City: Gretna	State: LA	Zip: 70053 Parish: Jefferson			n
Site Location: On side of house		Telephone: N	NΑ		
Building Size: NA	# of Floors: NA	Age in Years	s: NA		
Present Use: NA		Prior Use: N	A		
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1) Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	easurement
		Cat I	Cat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 16
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: 11/	H/ 96	Complete: /2/	21/96
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: 11/	14/96	Complete: /2	121196
					

NOTIF	ICATION OF DEMOLITION	AND RENOVATION FORM (c	ontinued)
X. DESCRIPTION OF PLA		NOVATION WORK AND METH	·
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: issions for engineering control. A	
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	¹⁵ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	²³ 685 Bridge City Avenue		
City: Slidell " Bridge City	State: LA	Zip: 70458 ** 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	R #2		
Name: B & S Equipment Co.,	inc.	Contact Person: Billy Ryals	
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City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
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Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DI	D/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		•
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	used unsafe conditions or would	cause equipment damage (or an u	inreasonable financial burden):
		NT THAT UNEXPECTED ASBESTOS , PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.
Crew will use wet methods to co		·	
61, SUBPART M) WILL BE	ON-SITE DURING THE DEMOLITIO	IS OF THIS REGULATION (LAC 33:III IN OR RENOVATION AND EVIDENCE LABLE FOR INSPECTION DURING NO	THAT THE REQUIRED TRAINING
•		Signature of Owner/Oper	ator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	VE INFORMATION IS CORRECT.	God Hop	10-12-96
		(Signature of Owner/Oper	ator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98 SITE#: 562		ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		
Ma Kur		

05-0562-540

TEAM MEMBERS:

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/28 SITE #: 563		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	•
SKETCH OR COMMENTS:		· · · · · · · · · · · · · · · · · · ·	
No Klas			
TEAM ME	MBERS: MT /	PLL	05-0563-540

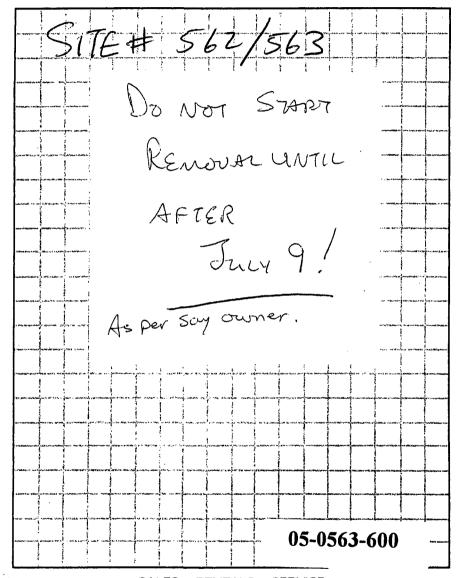


GULF INSTRUMENT

SERVICE, INC.

6613 AIRLINE HWY. • METAIRIE, LA 70003

TOTAL STATIONS • THEODOLITES • LEVELS • FIELD SUPPLIES



SALES • RENTALS • SERVICE [504] 733-4853 • 1-800-824-7735 • FAX (504) 733-4957

Tracking Number	564
Tracking Number	267

FIELD DATA SHEET 1

Site Information:
Occupant: DE OFErce/Marron Edwards Interviewee: Melinda & Marron
Address: 1001 6th St Greating LA 70053
Phone No.: 367-4437
Owner Name, Address, and Phone No. if Different Than Occupant: Marion Edwards 367 - 4437
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: concrate Loo Acm 6th Estimated Volume of ACM:
Comments:
Date/Time of Interview: 14:05 10/16/96 Access Granted (circle): (yes;) no
Team Members: TC 1 KT

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	Marion (-gmongs	<i>0</i>	
Property's Address: 100	6+4	bed I	retra, LA	
State/Zip: LA.	Phone Number(s	s): [/] 36 [/]	7-4437	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/16/96 DATE

SIGNATURE

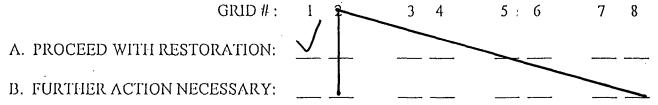
05-0564-520

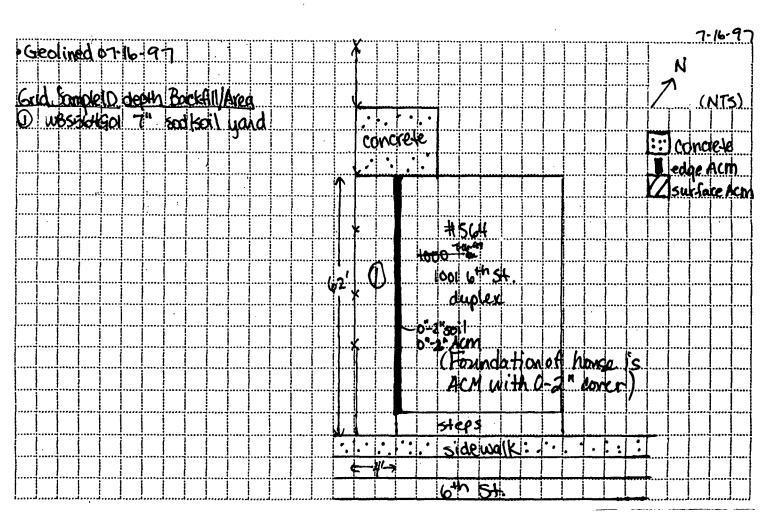
WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE#	564	ADDRESS: 1001 6th St.
		Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 1-71-51

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





05-0564-560

AUTHORIZED EPA/START REPRESENTATIVE Y

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Larry Roedl **Ecology & Environmental** 11550 New Castle Avenue Baton Rouge, LA 70816

Friday, July 18, 1997

Ref Number: IN97520

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

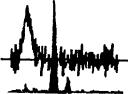
Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTO</u> % 1	<u>)s</u> YPE	%	<u>NONASBI</u> FIBROUS	ESTOS %	NONFIBROUS
WBS405G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysot < 1% Crocido	ile .				Quartz Other
WBS405G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysot < 1% Crocido					Quartz Other
WB\$405G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysoti	ile	:			Quartz :
WBS405G04	:	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysoti < 1% Crocidol		!			Quartz Other
WBS564G01	564:1001 6TH GRETNA	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysoti < 1% Crocido					Quartz Other
WBS553G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysoti < 1% Crocido		- , ! !			Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Approved Signatory



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Ploor tills and wipes should be tested with either SEM or TEM. The above test report retates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one eignesture to be valid. Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze tayered samples.

95–0

05-0564-570



Date 7-17-97 Subject RESTORATION SITE # 564 Sheet No.____ ___of_<u>_</u> Chkd. By ____ Date Proj. No. 1001 `.sT GRETNA SIDEWALK 57 05-0564-590

00490300

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM

3 – •	SITE#	564	
--------------	-------	-----	--

*. 	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					z8. <u>∞</u>		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					7.69		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)				,		•	
Topsoil (cu.yds.)	,						
EXTRA							
	Site Sk	etch on l	Back of I	Page			
COMMENTS:							
·	······································						
	upe.						
IT REPRESENTATIVE SIGNATI	UKE						
SUB 1 SIGNATURE						05-056	4-590

004904



	<i>РМ</i> d. Ву_							_ Su	ıbje	ct 🗾	₹E 5	ło	ira t	10 N	1 5.	ite-	#	50	64			She Proj.					، دید استماط	
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WESTBANK ASBESTOS ABATEMENT

R	FS	TO	RA	TI	O_{Λ}	I FC	R	V
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SITE#	564	

	DATE	DATE	DATE	DATE			
; ;					EST. QTY.	ACTUAL QTY.	ACT.
ock Installation (sq.yds.)							
od Installation (sq.yds.)		· · · · · · · · · · · · · · · · · · ·					
' Concrete Installation (sq. yds.)							
' Concrete installation (sq. yds.)					25.™		
and Installation (sq.yds.)					3.∞		
ower Lift Sand					25,≈		
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)							
and (cu.yds.)					2.50		:
oncrete (cu.yds.)					3.∞		
lastic Edging (ft.)							
/alkway Rock Inst. (sq.yds.)						•	
opsoil (cu.yds.)	,						
XTRA							·
,	Site Ske	tch on B	ack of P	'age			
COMMENTS:	·		***	-			

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

C (8NU)	-
004906	

05-0564-590

# of ADVF's Requested 1	Parish # 1340	Source#	FORWI FOR	ADVF#	112195
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED)
II. FACILITY INFORMATION	Contact: John Martin				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270		
Mailing Address: 1445 Ross Ave			<u> </u>		
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7800008	
Address: 113 Ondine Lane					
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:					
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno					
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) ES NO Inspection Date: Jan Apr. 1996					
Inspector's Name: Debra Bendily (LDEQ) Inspector's Accreditation #: 610685					
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		
Building/Component Name: Home (#564) Fire Marshall Project #:					
Street Address: 1001 6th Street					
City: Gretna State: LA		Zip: 70053		Parish: Jefferso	n
Site Location: On side of house Telep			JA .		
Building Size: NA # of Floors: NA		Age in Years: NA			
Present Use: NA		Prior Use: NA			
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIAT //116	E, USED TO D	ETECT THE PR	ESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement
		Cat I	Cat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 4
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: 11/ 7	196	Complete: 12/	
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: 11/	7/96	Complete: 12	121/96

NOTIF	ICATION OF DEMOLITION	AND RENOVATION FORM (co	ontinued)		
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.					
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: ssions for engineering control. A			
XII. WASTE TRANSPORTE	R #1				
Name: Quality Contractors	ⁿ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan		
Address: 113 Ondine Lane	685 Bridge City Avenue		•		
City: Slidell Bridge City	State: LA	Zip: 70458 *3 70094	Telephone#: (504)646-0039 #3(504)436-7777		
WASTE TRANSPORTE	iR #2				
Name: B & S Equipment Co., 1	Inc.	Contact Person: Billy Ryals			
Address: 1713 Winchester Plac	е				
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091		
XIII. WASTE DISPOSAL SIT	ïE:				
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)				
Location: 5800 Avondale 90 W	/est				
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244		
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	THE AGENCY:		
Name:		Title:	Authority:		
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	D/YY)		
XV. FOR EMERGENCY RE	NOVATIONS				
Date and hour of emergency (M	IM/DD/YY):				
Description of the Sudden, Une	xpected Event:				
Explanation of how the event ca	used unsafe conditions or would	cause equipment damage (or an u	inreasonable financial burden):		
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS Crew will use wet methods to co	MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO POV	IS FOUND OR PREVIOUSLY WDER.		
61, SUBPART M) WILL BE	ON-SITE DURING THE DEMOLITION	IS OF THIS REGULATION (LAC 33:III. IN OR RENOVATION AND EVIDENCE LABLE FOR INSPECTION DURING NO	THAT THE REQUIRED TRAINING		
<u> </u>		(Signature of Owner/Open	ator/Contractor)		
XVIII. I CERTIFY THAT THE ABOV	/E INFORMATION IS CORRECT.	Jude Hos	<u>10-12-96</u>		
		(Signature of Owner/Opera	ator/Contractor)		

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/94 SITE#: 564		ADDRESS:	1001 breth	64h	<i>s</i> †
ACM LOCATED BENEATH:	HOUSE				
APPR. CRAWL SPACE HEIGHT:		=			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB				
PERCENT OF AREA (ACM)		=			
SKETCH OR COMMENTS:					
No Acm					
TEAM MEN	MBERS: MTL/	PLL	, .	05-050	54-540

Tracking Number __565

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: LA 70053
Phone No.:
(b) (6) Name Address and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle) single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: 25' ALM House 3' Acm 20' D) (6)
Estimated Volume of ACM:
Comments: come any torre. / Sorl & sod
Date/Time of Interview: $10/8$ 15.00 Access Granted (circle): yes; no
Team Members: KT / KS

CONSENT FOR ACCESS TO PROPERTY

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

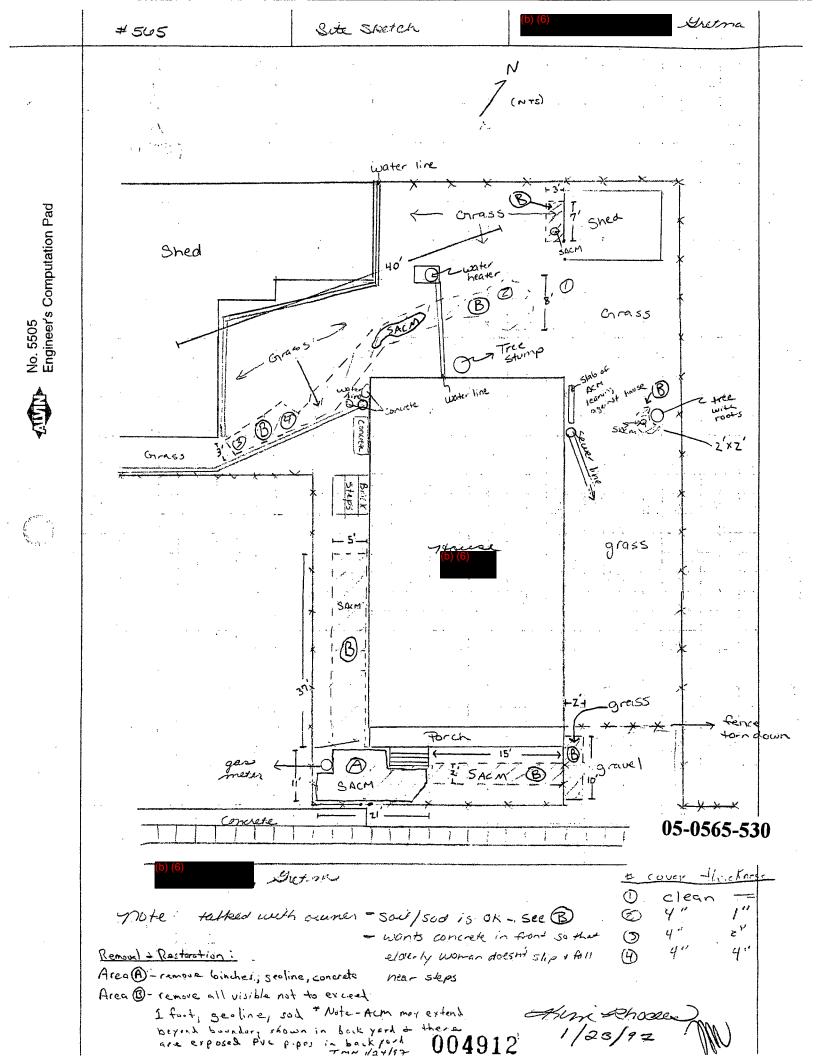
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-16-96 DATE

SIGNATURE

05-0565-520



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	
SITE# 565	ADDRESS: (b) (6)
	Grafaa, LA

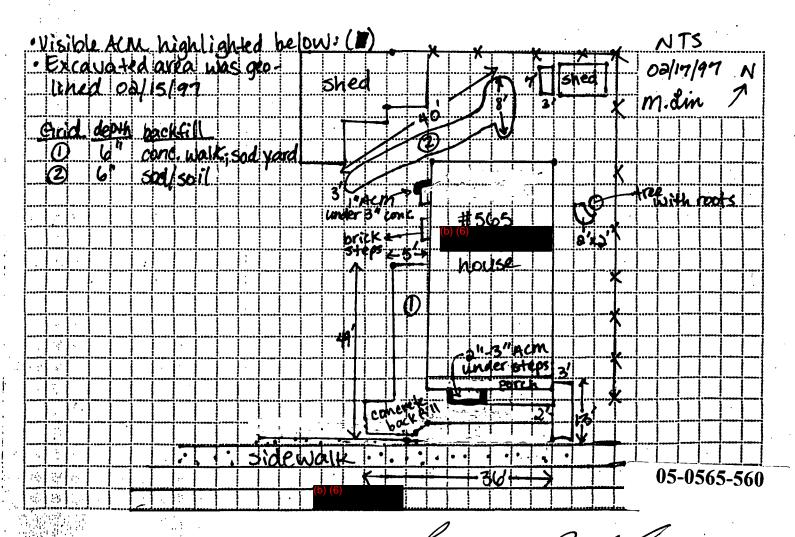
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 2 - 19 - 97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE Jaune Control 1004913

Sun Maton, CA Seyras, &A Granusborn, MC Beartle, WA Ann Arbox, Mi Manhattan, MY 713-494-3436 910-297-1487 Z08-238-8007 \$13-668-6610 415-570-5401 404-333-0000 510-607-7801 218-260-0062 Ecology & Environment, Inc.

11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, February 19, 1997

Ref Number: TX97453

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE			NONASE		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	% N	ONFIBROUS
WBS565G01	b) (6)	Brown	Teased	< 1% Chr	ysotile	T .		100% 0	ther
1		Fibrous		:		i			
l i		Homogeneous	•	:		ì			
						ļ			
WB\$565G02		Вгомп	Teased	< 1% Chr	ysotile	1	•	100% Q	ther
		Fibrous							
		Hamageneous		:					
1,				i .					
WBS254G01		Brown	Teased	< 1% Chr	увоtile	•	•	100% Q	ther
		Fibrous		İ		į			
[]		Homogéneaus				İ			
						1			
WBS254G02		Brown	Teesed	< 1% Chr	ysotile		• •	100% O	ther
		Fibrous		:					
d ,	•	Homogeneous	•						
11 -		<u></u>				. l			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur/Hernandez **Analyst**

Approved Signatory

2

Disclaimers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guarentised. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not reaponsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0565-570

WESTBANK ASBESTOS ABATEMENT PROJECT NEW ORLEANS, LA.

DAILY QA SITE

	RESTORATION RE	PORT	
DATE: 3-19-97	FOREMAN:	David Minton	, SITE NO.: 565
SUBCONTRACTOR: NOLA	START:		
CREW NO.:	STOP:		ADDRESS:
START TIME:	TOTAL HOURS:		(b) (b)
STOP TIME:	WEATHER:	Overcost	bretma
	•		
	<u>CHECKLIST</u>		
Confirmation Sample Results	Restoration Area Me	<u>asured</u>	Post Photo
Barricades Removed	<u>Pre-Photo</u>	<u></u>	<u>Tailgate Meeting</u>
Edging Installed	<u>Progress Photo</u>		Restoration Complete
	SUMMARY	 	
NOLA removed the f.	orm boards	from around	the front
step area while doing			
the concrete was not		/.	tocted
IT Former D. Maton w	ho spoke to	the owner	
		/ / /	was supposed
to have concept from +	1	her porch a	11 + be was
to the fence on the	11177	ide. U pon	
reviewing the restoration	<i></i>	be site	vas restored
with sand and sod		oc. I also	1
the start teom drowing			area B
this area indicates tha	t the resi	dent apro	ved soil & sal
in this area, I explain	ed to the	esident +1	bat All I
could do was speak	to the Et	A and ad	dress her
consearn to them. Th	e resident	also sais	da Section
of top rail was mis	ssing from	her fence	their is
No Physical Cridance	that one	exisited	by pto I
to fold her I way	12 hove to	review +	he Vidio
and if the rail w	ros their to	hat we u	rould replace
it at no expense	to her.		
<u> </u>			
			· · · · · · · · · · · · · · · · · · ·
		· · · · · · · · · · · · · · · · · · ·	
			- 05-0565-550 -
<u> </u>	1		





By PM Date 2-17-97 Subject Restoration SIFE # 565 Sheet No. of Chkd. By_____ Date_ Proj. No. Sund Sop SANO/S CONC

004916

05-0565-590

NOTIFI	CATION OF DEMOLITION A	AND RENOVATION FORM (c	ontinued)
X. DESCRIPTION OF PLA Excavation of residential proper	NNED DEMOLITION OR REN rties utilizing standard construction	NOVATION WORK AND METH on techniques.	HOD(s) TO BE USED:
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: ssions for engineering control. A	
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	⁸³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan
Address: 113 Ondine Lane	*3 685 Bridge City Avenue		
City: Slidell "Bridge City -	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	R #2		
Name: B & S Equipment Co., I	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfil	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	'est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY	ΓΗΕ AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DI	D/YY)
XV. FOR EMERGENCY REI	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		
Description of the Sudden, Une	xpected Event:	_	
Explanation of how the event ca	used unsafe conditions or would	cause equipment damage (or an t	unreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVE MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.
Crew will use wet methods to co	ontrol any visible emissions.		
61. SUBPART M) WILL BE	ON-SITE DURING THE DEMOLITIO	S OF THIS REGULATION (LAC 33:III N OR RENOVATION AND EVIDENCE ABLE FOR INSPECTION DURING NO	THAT THE REQUIRED TRAINING
		(Signature of Owner/Open	rator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	E INFORMATION IS CORRECT.	Jude I He	/g 10-12-96
PURSUANT TO D S 40-1574 A&R RF ADV	ISED THAT NO CONSTRUCTION OF UE	(Signature of Owner/Oper	
EVIEWED BY THE OFFICE OF THE ST	ATE FIRE MARSHALL OR IT IS DETERN	MINED BY THAT OFFICE THAT PLANS A	ANS AND SPECIFICATIONS ARE IRE NOT REQUIRED TO BE SUBMITTED

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

NOTIFICATION OF	DEMOLLIONAME	NUYALIUN		MAAL-A KLYD	1295	
# of ADVF's Requested 1	Parish # 1340	Source #		ADVF#		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED		
II. FACILITY INFORMATION	Contact: John	n Martin				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270			
Mailing Address: 1445 Ross Ave						
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality 1	Environmental Constr.	La. Contractor's I	Liscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane						
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:			
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRCLE ONE) Ordered Demo Renovation Emergency Reno						
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) (YES) NO Inspection Date: Jan Apr. 1996						
Inspector's Name: Debra Bendily (LDEQ) In			Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)			
Building/Component Name: Home (#565) Fire Marshall Project #:						
Street Address:(b) (6)						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n	
Site Location: In front of house		Telephone: NA				
Building Size: NA	# of Floors: NA	Age in Years	: NA			
Present Use: NA		Prior Use: NA				
VI. PROCEDURE INCLUDING AN. ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF And a Control of the Control of	APPROPRIATI 3/116	E, USED TO D	ETECT THE PR	ESENCE OF	
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: (D) Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below		
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component				Cu Ft:	Cu yds: 5	
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: //	7/96	Complete: /Z	121/86	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/7	7/96	Complete: (2	121/96	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98 SITE#: 565		ADDRESS: Ovetra
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=
No Acr		

05-0565-540

TEAM MEMBERS:

(b) (6)	Old Gery 1
(b) (6)	The state of the s
P.O. Box or Street Address CRETIVA LA	Apt. Number
City State	Zip Code LSF-R2 USA G Ror U.S. addresses only
OPENED BY SERVICE DESK	EPA John Marte
SEP 1 9 1996	1445 Rosa avenue, Suto1200
	Nallay, OTH.
009-5950-50	75202-2733
	Hanlahanlilla addahdlahas Halahdahdahdl

Tracking Number	566
-	

FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee (b) (6)
Address: Gretna, LA. 70053
Phone No.:
Owner Name Address and Phone No. if Different Than Occupant: (b) (6) (c) (d) (b) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: House House 5) (6)
Estimated Volume of ACM:
comments: Gravel/edging asperaccess agreement
Date/Time of Interview: /0/8 /5:30 Access Granted (circle): yes; no
Team Members: KJ / KS

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Nar	n <u>e:</u>		
Property's Address:	(b) (6)	Gretna	
State/Zip: LA	Phone Number(s):		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-8-96 DATE

SIGNATURE

Brayel edging

004922

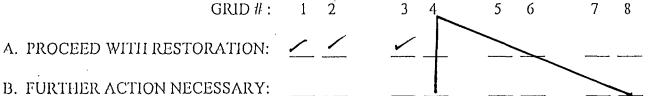
05-0566-520

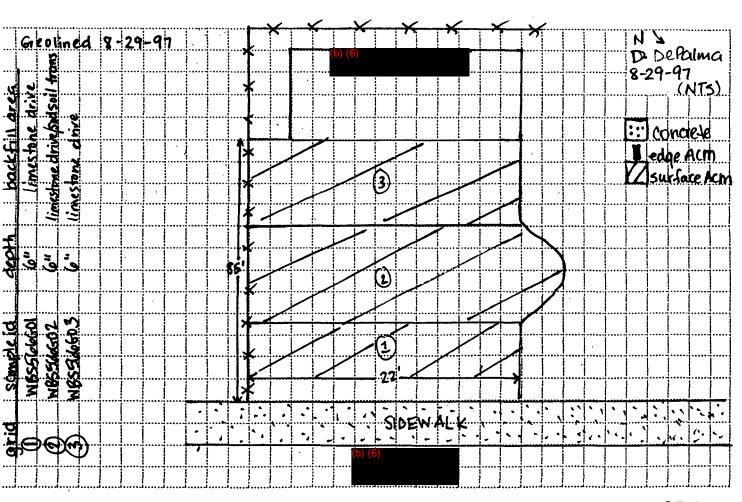
WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

1, X1;			
SITE#	566	ADDRESS: (b) (6)	
	·	Gretna, ha	-

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON _____ 8-29-97 (no analytical reded) min

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





05-0566-560 AUTHORIZED EPA/START REPRESENTATIVE 1004924na Petaln

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePaima

Ecology & Environmental

11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, September 03, 199

Ref Number: IN97974

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

į			SAMPLE	ASBESTOS		NONASBE	8703	
Sample -	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
.WBS681G01	(b) (6)	Brown Non-Fibrous Homogensous	Crushed :	2% Chrysotile < 1% Cropidolite				Quartz Other
WB\$8\$1G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottle < 1% Crecidalite				Quartz Other
WBS566 G01		Brown Non-Fibrous Homogensous	Crushed	< 1% Chrysatile < 1% Crackdolite				Quartz Other
WB\$556G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected				Quartz Other
WB8586G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crookdolite				Quartz Other
W88977G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysolile	1			Quertz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for tayered samples, each component is analyzed separately. Also, "# of Layere" refers to number of separable subsamples.

NY samples also analyzed by ELAP 198-1 Method

Jane Wasllewski Analyst

Approved Signatory

Disclaimers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor ties and wipes should be tested with either 8EM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NYLAP nor any agency of the United States Government. All "NYLAP" reports with NYLAP logo must contain at least one signature to be valid.

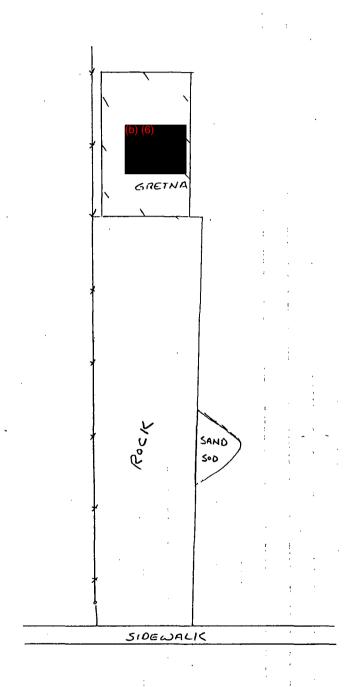
Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze isyered samples.

Analysis performed by EMSL of indianapolis (NYLAP Air and Bulk #200188.0).



1
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By_PM	Date <u>9-3-97</u>	_Subject_Restoration .	5,16 # 566	Sheet Noof
Chkd By	Data	•		Proj. No.



05-0566-590

WESTBANK ASBESTOS ABATEMENT.

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTORATION FORM

05-0566-590

SITE# 566

		<i>i</i> .	•				
	DATE	DATE	DATE	DATE			•
					EST.	ACTUAL	ACT.
· 1					QTY.	QTY.	COMP
ock Installation (sq.yds.)		•			199, ⁵⁰		
od Installation (sq.yds.)					۳. وع		
" Concrete Installation (sq. yds.)							
" Concrete Installation (sq. yds.)			·				
Sand Installation (sq.yds.)					7.82		
ower Lift Sand							
Rock, Brown (cu.yds.)						·	
Rock, Gray (cu.yds.)					56. [∞]		
Sand (cu.yds.)					Z,5º		
Concrete (cu.yds.)					,		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of P	age			
COMMENTS:							
				·			
	······································		· · · · · · · · · · · · · · · · · · ·				
IT REPRESENTATIVE SIGNATU	IRE						

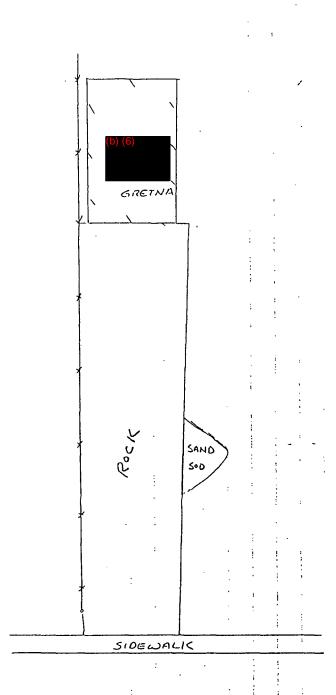


NULA

Ву	 DM_	_Date_	9-3-97	_Subject_	RESTORATION	51E #	566	Sheet No	of	
~.	 _									

Chkd. By _____ Proj. No. _____

135UED 9-8-97



05-0566-590

# of ADVF's Requested 3	Parish # 1340	Source #	CONIA FOR	ADVF#	12/95	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED		
II. FACILITY INFORMATION		Contact: John Martin				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270			
Mailing Address: 1445 Ross Ave	Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane						
· City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:			
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRC	LE ONE) Demo	Ordered Demo	Renovation	Emergency F	Reno	
IV. IS ASBESTOS PRESENT? (CIT	CLE ONE) (YES) NO	Inspection D	ate: Jan Apr.	1996		
Inspector's Name: Debra Bendily (LD	DEQ)	Inspector's Accreditation #: 6I0685				
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)			
Building/Component Name: Home (#5	66)	Fire Marshal	l Project #:			
Street Address: (b) (6)						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n	
Site Location: In front of house		Telephone: NA				
Building Size: NA	# of Floors: NA	Age in Years: NA				
Present Use: NA		Prior Use: NA				
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A ng - EPA Method 600/R-93	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF	
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	easurement	
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component				Cu Ft:	Cu yds: 25	
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: /1/ /	1/96	Complete: /2	121/86	
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: 14/1	1/96	Complete: / ح	121/96	

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)			
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.			
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: issions for engineering control. A	
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	¹³ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	¹³ 685 Bridge City Avenue		
City: Slidell Bridge City	State: LA	Zip: 70458 ⁴³ 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	R #2		
Name: B & S Equipment Co.,	inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	е		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV, IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	AGENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DI	D/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		•
Description of the Sudden, Une	xpected Event:		
Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):			
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS Crew will use wet methods to co	MATERIAL BECOMES CRUMBLED,	ENT THAT UNEXPECTED ASBESTOS , PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.
61, SUBPART M) WILL BE	ON-SITE DURING THE DEMOLITIO	NS OF THIS REGULATION (LAC 33:III ON OR RENOVATION AND EVIDENCE LABLE FOR INSTECTION DURING NO	E THAT THE REQUIRED TRAINING
	•	(Signature of Owner/Open	rator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	/E INFORMATION IS CORRECT.	July Hy	10-12-96
		(Signature of Owner/Oper	rator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98 SITE #: 566		ADDRESS:	(b) (6) Coretra
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
No Run			
TEAM MEMB	BERS: MTL/F	PLL	05-0566-540

10/19/96 mailed access to aures 12/4/96 mailed to Dallas 11/29/96

Tracking Number	567

uptate 6/24

FIELD DATA SHEET 1

Site Information:	(1) (2)	
Occupant: (b) (6)	Interviewee:	
Address:	refna, LA	
Phone No.:	,	
(Dayhter) Constart: (6) (6)	Call don get add	ahter to hess
Site Description:		
1) Description of property (circle): single home; duplex; vacant house; vacant lot; other	business; school; daycare;	church;
2) Problems accessing yards (circle): locked gate; gate; resolution:	dogs; other	
3) Underground utilities installed by owner? (circle): no; septic tank; other Note location on site sketch.	water; gas; electric; cable TV	;
4) Is any underground ACM present? (circle): yes; no; of If yes, note on site sketch. How deep?	lon't know	
Site Sketch: House	(b) (6) 48' XM	KN.
) (6)	
(4)		05-0567-510
Estimated Volume of ACM:		1
comments: crushed limestone on let-	+ side contact the	e Brit male
Date/Time of Interview: 10196 1330	Access Granted (circle): ves;	
Team Members: M. Lun by Phone 1	Nith (b) (6)	SON-
004932	ays he gave it to 2 gys	Spearheading.

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner'	s Name:			4
Property's Addre	(n)		, The	tra
		Phone Number(s):	/	

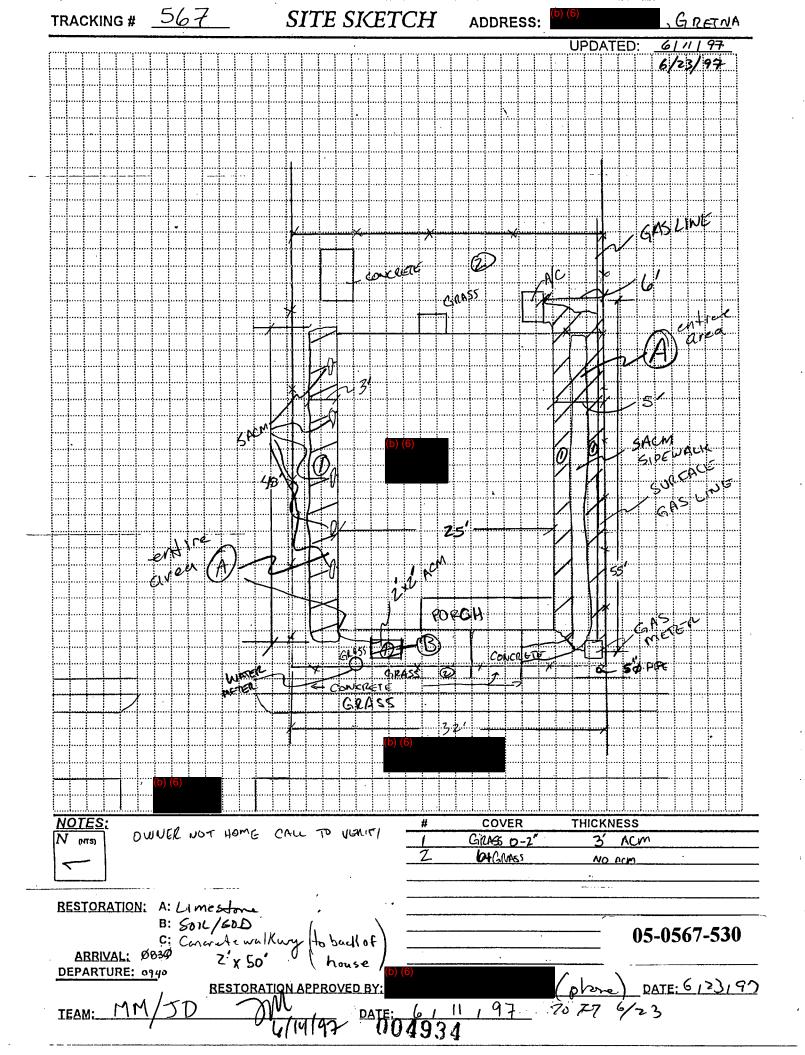
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1 The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/28/96 DATE SIGNATURE

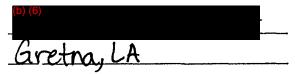


WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

77	T .	٠	
	v		٠
Ι.		1	

SITE# 567

ADDRESS:



THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 1-21-91

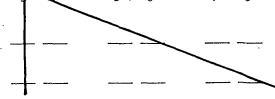
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

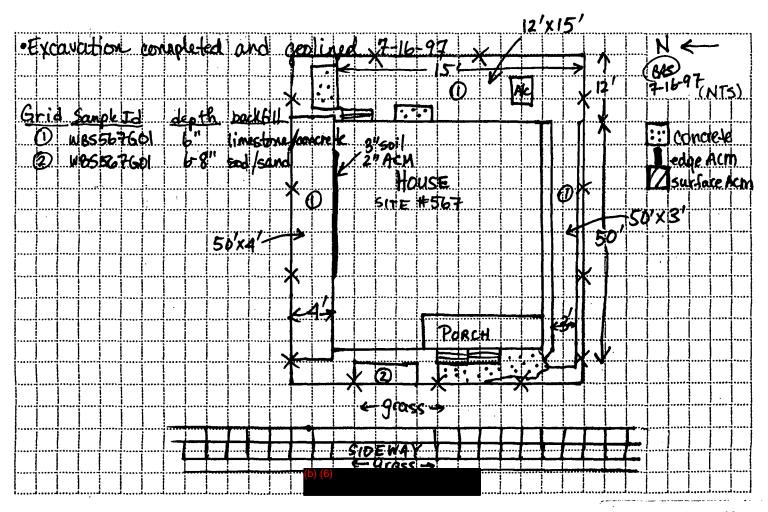
GRID#:

5.6 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:





05-0567-560

AUTHORIZED EPA/START REPRESENTATIVE N 004935

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Larry Roedl

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Friday, July 18, 1997

Ref Number: IN97520



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ABBESTOS

			SAMPLE	ASBE	stos		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WB\$567G01	(b) (6)	Brown	Crushed	1% Chr	ysotile	··			6 Quartz
		Non-Fibrous I lamogeneous		1% Cro	cidolite	; !		189	6 Other
WBS567G02		! Brown	Crushed	j < 1% Chr				Ans	6 Quartz
WB\$307G02		Non-Fibrous Homogeneous	Crusned	< 1% Cro	<i>-</i>				6 Other
WBS634G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro	•				6 Quartz 6 Other
WBS630G02		Brown Non-Fibrous Hornogeneous	Crushed	< 1% Chr < 1% Cro		1	. <u>.</u>		6 Quartz 6 Other
WB\$868G01		Brown Non-Fibrous	Crushed	< 1% Chr	ysotile				6 Quartz 6 Other
		Homogeneous	i			, 			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Analyst

Approved Signatory

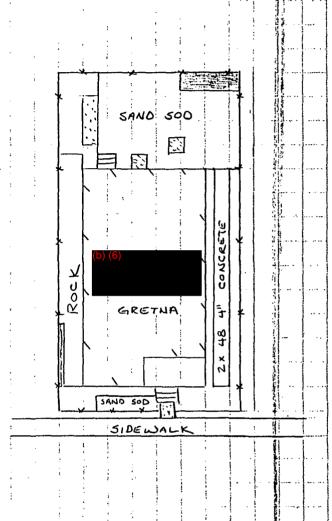


Discletimers: PLM has been known to mise espectos in a small percentage of samples which contain asbestos. Thus negetive PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in null with written approval by EMSL. The above test must not be used by the client to cidin product endorsement by NYLAP nor any agency of the United States Government. All "NYLAP" reports with NYLAP togo must contain at least one significant to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples:

**Tethysic performed by EMSL of Indiagonalis (NYLAP Air and Bulk #200186-0).



By PM Date 7-17-97 Subject Restoration site # 567 Sheet No. of Proj. No. Proj. No.



05-0567-590

WESTBANK ASBESTOS ABATEMENT

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ľΤ		IJ	π_H		$\mathcal{I}N$		U	ΠI	v	I

SITE# 567

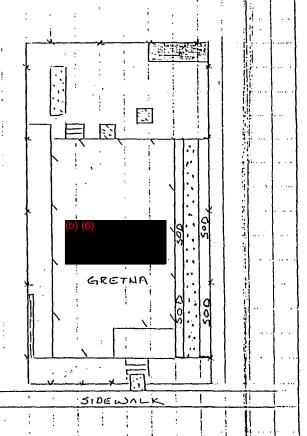
	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
				<u> </u>	QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					23.50		
Sod Installation (sq.yds.)					52. ⁵⁰		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					10.55		
Sand Installation (sq.yds.)					50.∞		
Lower Lift Sand							
Rock, Brown (cu.yds.)							-
Rock, Gray (cu.yds.)					5.~		
Sand (cu.yds.)					12.5		<u> </u>
Concrete (cu.yds.)					1 . <u>so</u>		-
Plastic Edging (ft.)						 	
Walkwaỳ Rock Inst. (sq.yds.)			,				
Topsoil (cu.yds.)							ļ
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:							
			•				
	···			·			
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE				·*·.		05-0567-5	90
SUB 2 SIGNATURE		(1) (1) A	9381	1		40-4047 - 0	· / U



By PM	Date 10-14-97	_Subject	RESTORATION	sife #	567 I	_ Sheet No	of <u>.</u>
Chkd By	Date					Proi No	11:

567

PHASE IL



05-0567-590

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

RESTORATION FORM

SITE# 567 I

	DATE	DATE	DATE	DATE		•	
					EST. QTY.	ACTUAL QTY.	ACT.
lock Installation (sq.yds.)							
od Installation (sq.yds.)				·	15,≌		
5" Concrete Installation (sq. yds.)							
ו" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
_ower Lift Sand		-1					
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)							
Concrete (cu.yds.)					1		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							ļ
EXTRA							
	Site Ske	etch on E	Back of P	'age			
COMMENTS:			_				
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE		<u></u>	7070			05-0567-5	590
CUD A CICNATUDE		U,U	4940	1			

# of ADVF's Requested 1	Parish # 1340	Source#		ADVF#	1433			
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED				
II. FACILITY INFORMATION		Contact: John	n Martin	1				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270					
Mailing Address: 1445 Ross Ave	,							
City: Dallas		State: TX		Zip: 75202				
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's l	Liscense #: 26445	DEQ ID #: 7S00008				
Address: 113 Ondine Lane								
City: Slidell		State: LA		Zip: 70456				
Contact: Gerald Avery		Telephone: 5	04-646-0039	·				
OTHER OPERATOR:		DEQ Project	Designer #:					
Address:								
City:		State:		Zip:				
Contact:		Telephone:						
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno								
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) OF NO Inspection Date: Jan Apr. 1996								
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 6I0685						
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)	·				
Building/Component Name: Home (#5	67)	Fire Marshall	l Project #:					
Street Address: (b) (6)								
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson				
Site Location: On side of house		Telephone: NA						
Building Size: NA	# of Floors: NA	Age in Years	: NA					
Present Use: NA		Prior Use: NA						
VI. PROCEDURE INCLUDING AN. ASBESTOS MATERIAL: Bulk Sampli			E, USED TO D	ETECT THE PR	ESENCE OF			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed			Nonfriable Asbestos Material Not to be Removed		leasurement			
		Cat I	Cat II	UNIT				
Pipes				Ln Ft:	Ln m:			
Surface Area				Sq Ft:	Sq m:			
Vol RACM off Facility Component				Cu Ft:	Cu yds: 4			
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	/96	Complete: 12	/2//16			
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: ///	1/96	Complete: / 2	/21/16			

X. DESCRIPTION OF PL. Excavation of residential proportion	ANNED DEMOLITION OR RE erties utilizing standard construct	NOVATION WORK AND METI ion techniques.	HOD(s) TO BE USED:
OF ASBESTOS AT THE DEA	MOLITION AND RENOVATIO	EERING CONTROLS TO BE US N SITE: issions for engineering control. A	
XII. WASTE TRANSPORTI	ER #1		
Name: Quality Contractors	⁸³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan
Address: 113 Ondine Lane	685 Bridge City Avenue		
City: Slidell ⁴³ Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 . #3(504)436-7777
WASTE TRANSPORT	ER #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	æ		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SI	TE:		
Name: Jefferson Parish Landf	ill (Kelvin Landfill)		-
Location: 5800 Avondale 90 V	Vest		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT	AGENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Tide:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DI	D/YY)
XV. FOR EMERGENCY RE	ENOVATIONS		
Date and hour of emergency (A	MM/DD/YY):		•
Description of the Sudden, Un	expected Event:		
Explanation of how the event c	aused unsafe conditions or would	l cause equipment damage (or an t	unreasonable financial burden):
XVI. DESCRIPTION OF PROCEDU NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVI MATERIAL BECOMES CRUMBLED	ENT THAT UNEXPECTED ASBESTOS O, PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY OWDER.
Crew will use wet methods to	control any visible emissions.		
XVII. I CERTIFY THAT AN INDIV 61, SUBPART M) WILL BI HAS BEEN ACCOMPLISH	IDUAL TRAINED IN THE PROVISION ON-STITE DURING THE DEMOLITION ED BY THIS PERSON WILL BE AVAI	NS OF THIS REGULATION (LAC 33:III ON OR RENOVATION AND EVIDENCE ILABLE FOR INSPECTION DURING NO	ORMAL BUSINESS HOURS.
		(Signature of Owner/Oper	rator/Contractor)
XVIII. I CERTIFY THAT THE ABO	VE INFORMATION IS CORRECT.	(Signature of Owner/Open	Hogo 10-1296
PURSUANT TO R.S.40:1574 A&B. BF. AD	VISED THAT NO CONSTRUCTION OR R	ENOVATION CAN BEGIN UNTIL THE PLANS A	

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

05-0567-550

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8-6-94</u> SITE#: <u>567</u>		ADDRESS:	ETNA LA
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:	***************************************		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)	700 Page 2018 TX 2018 A 14 Page 2018		
SKETCH OR COMMENTS:			
	ANO T INSPE	E BOAROS B. HE GROVNO. IT UNDER T	HE HOUSE.
TEAM MEI	MBERS:		05 0567-540

004943

	518	
Tracking Number	<u>) کا (ر</u>	

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee: (b) (6)
Address: LA 70053
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other No.
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: Garage 10' AUM 46' Estimated Volume of ACM:
Estimated volume of ACM:
Comments:
Soil + gross
Date/Time of Interview: 9/24/94 Access Granted (circle): (yes;) no
Team Members: Rhords / Thibirds and

WESTBANK ASBESTOS SITE

Property Owner's N Property's Address:	(b) (6)		
State/Zip: CRETWA.	40	Phone Number(s): (b) (6)	

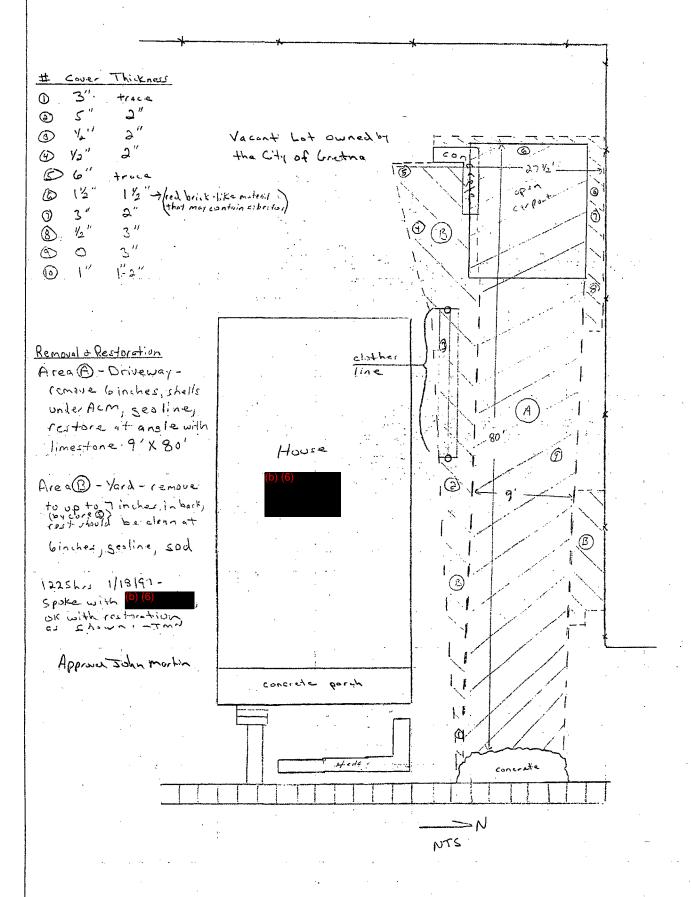
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-24,96 DATE SIGNATURE



1-18-97 MM

`		
FYI:		
SITE#568	ADDRESS:	
	Gretna, LA	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
THE SAMPLE ANALYSIS RESULTS FOR THE WERE EVALUATED BY THE USEPA START T		
BASED ON AN EVALUATION OF THE ANALY ACTION:	•	
GRID #: 1 2		8
A. PROCEED WITH RESTORATION:		
B. FURTHER ACTION NECESSARY: entire	area geo-lind	~
-1/**11 - MAAA		
·Visible ACM highlighted below:	and (27±/7	MS
Grid Sample # depth	- Land	→N 01-29-9 (BA3)
(1) WBS 568G02 6 ; linestone (2) WBS 568G02 b ; limestone	Cocho.	
3 WBS 568G03 6"; \$20/epil	Ma a for	
(b) (6)	(2) L4 Must	
House		
(b) (6)	1 84/	
#568		
	25'	
Congrete parct		
	Venall	05-0568-560
(b) (6)	M tade	0.1

AUTHORIZED EPA/START REPRESENTATIVE 04947

908-981-0550

Piscataway, NJ Carle Place, NY 516-997-7251

Manhattan, NY 212-290-0052

Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

REC'D FEB 0 6 1997 Friday, January 31, 1997

Ref Number: TX97280

POLARIZED LIGHT MICROSCOPY (PLM)

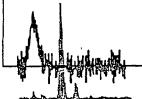
Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBESTO:	<u>S</u>	NONASBEST	<u>os</u>
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% T	YPE %	FIBROUS	% NONFIBROUS
WBS568GO1	568	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotil < 1% Crocidoli	i		98% Other
WBS568GO2	568	Tan Non-Fibrous Homogeneous	Teased	5% Chrysotil	ſ		95% Other
WBS568GO3	568	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotil	e	1	00% Other
WBS308G2B	308,309,310	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotil			96% Other
WBS308G4B	308,309,310	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotil < 1% Crocidoli	ľ		98% Other
WB\$308G5B	308,309,310	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotil	e	1	00% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas **Analyst**

Approved Signatory



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0568-570

of ADVF's Requested	Parish = 2240	Source #		ADVF #	112-35
I. TYPE OF NOTIFICATION		ORIGINAL	REVISED	CANCELEI)
II. FACILITY INFORMATION	Contact: Joh	n Martin			
OWNER NAME: U.S. EPA Region 6	Telephone: 2	14-665-2270			
Mailing Address: 1445 Ross Ave		·			
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7500008	
Address: 113 Ondine Lane		_			
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:				T	·
City		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency	Reno
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) YES NO	Inspection Date: Jan Apr. 1996			
Inspector's Name: Debra Bendily (LD	DEQ)	Inspector's Accreditation #: しょこももこ			
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		
Building/Component Name: Home (#56	58)	Fire Marshall	Project #:		
Street Address: (b) (6)					
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n
Site Location: On side of house		Telephone: N	IA .		
Building Size: NA	# of Floors: NA	Age in Years	: NA		
Present Use: NA		Prior Use: NA			
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A ng - EPA Method 600/R-93	APPROPRIAT /116	E, USED TO I	DETECT THE P	RESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed Indicate Unit Measurement Below		leasurement	
		Cat I	Çat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 9
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start:		Complete:	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: Complete:			

NOTIFI	CATION OF DEMOLITION A	ND RENOVATION FORM (co	ntinued)
X. DESCRIPTION OF PLAN	NED DEMOLITION OR RENOVies utilizing standard construction to	ATION WORK AND METHOD	•
OF ASBESTOS AT THE DEMO	K PRACTICES AND ENGINEER DLITION AND RENOVATION S wet methods and no visible emission	SITE:	
XII. WASTE TRANSPORTER			
Name: Quality Contractors	3 Vaughen Contractor	Contact Person: Jerry Avery	+3 H.P. Vaushen
Address: 113 Ondine Lane	#3 (685 Bridge City 1) ve
City: Slidell #3 B. Ise City	State: LA	Zip: 70458 F3 70094	Telephone#: 504-646-0039 # 3 5とソーソストーフフラフ
WASTE TRANSPORTER	#2		
Name: 1325 Equipo	med, Co Inc.	Contact Person: B:117 R	yals
Address: 1713 Wind			
City: Hurray	State: LA	Zip:	Telephone #: 504 - 340 - 2071
XIII. WASTE DISPOSAL SITE	:		
Name: Jeffers - Pari	sh Landfill (Ke).	n Candfill)	
Location: 5800 His	tung 90 West		
City: Avandale	State: LA	Zip: 70094	Telephone: 104-436-0244
XIV. IF DEMOLITION ORDER	RED BY A GOVERNMENT AGE	ENCY, PLEASE IDENTIFY THE	AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD/)	(Y)
XV. FOR EMERGENCY RENG	OVATIONS		
Date and hour of emergency (MM	I/DD/YY):		
Description of the Sudden, Unexp	ected Event:		
Explanation of how the event cause	sed unsafe conditions or would caus	se equipment damage (or an unreas	sonable financial burden):
XVI. DESCRIPTION OF PROCEDURE NONFRIABLE ASBESTOS MATE	S TO BE FOLLOWED IN THE EVENT T ERIAL BECOMES CRUMBLED, PULVE	THAT UNEXPECTED ASBESTOS IS FO RIZED, OR REDUCED TO POWDER.	UND OR PREVIOUSLY
Crew will use wet methods to con	trol any visible emissions.		
SUBPART M) WILL BE ON-SIT	JAL TRAINED IN THE PROVISIONS OF E DURING THE DEMOLITION OR REN LISON WILL BE AVAILABLE FOR INSPI ————————————————————————————————————	NOVATION AND EVIDENCE THAT TH	E REQUIRED TRAINING HAS BEEN
XVIII. I CERTIFY THAT THE ABOVE		(Signature of Owner/Operator/Contractor)	10-3-96 (Date)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895



	TERNATIONAL CHNOLOGY DRPORATION Date/-3/-97 DateDate	_ Subject <i>Æ</i>	toration	SIFE # 568	Sheet No Proj. No	of
						Tight life to
NOTE;				Le raci		
	UL AROUND PLANT; DAMAGE		(a) (b)	LOWER LI SAND ROCK	MERLITE	N Rama
		(b) (6)				
				04951	05-050	68-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-94 SITE #: 568		ADDRESS:	(b) (6) GRETNA LA
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:	11/11/10 po	=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		±	
SKETCH OR COMMENTS:			
		VISABLÉ	Acm
TEAM MEME	BERS: Jun	<u>/</u>	05-0568-540

· 04952

Tracking Number	569
Trucking realison	

FIELD DATA SHEET 1

Site Information:
Occupant: School Dothy Bailey (Principal) Interviewee: drive-by
Address: 701 amelia St, Dretaa, LA
Phone No.: 504-366-3582
Owner Name, Address, and Phone No. if Different Than Occupant: Sefference Parish Public School
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Steach X ACM 12' X12 ACM 12' X12 ACM 10 Tations
amelia I
Estimated Volume of ACM: $\frac{12X17}{12} = 144 ft^{2}$
Comments: Dist Call (day sefere so she can will work for parelles
Date/Time of Interview: 10/4/94 11/5 Access Granted (circle): yes; no
Team Members: Chooles / Dewchurch

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	Jefferer Parish Go	Mu Schools - Oretre # 2
Property's Address:	1 701 amelia ST	breton 1 hr
State/Zip: 70053-5441	Phone Number(s): (500	1) 366-3582

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SIGNATURE

9/26/96 DATE

FYI:						
SITE#	569			ADDRESS:	701 Amelia S	Street
_					Gretna, La.	70053
WERE EV	'ALUATE	D BY THE USE	PA START TE.	AM ON	18/96	ERE RECEIVED AND ND THE FOLLOWING
A. PROC	EED WIT	H RESTORATIO				
B. FURTI	HER ACT	ION NECESSAI	RY:	M. mp de de	re to chan an data with herefore, p	ge in scope I not be used.
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AUTHORIZED EPA/START REPRESENTATIVE) 04955

FYI:						
SITE#	569		AΓ	DDRESS:	701 Amelia	Street
_				-	Gretna, La.	70053
WERE EV BASED O ACTION: A. PROC	VALUATED BY ON AN EVALU EED WITH RE	Y THE USEPA S	START TEAM C	ON <u> </u>	2/96.	VERE RECEIVED AND END THE FOLLOWING
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AUTHORIZED EPA/START REPRESENTATIVE

004956

FYI:																													
SITE#	569											A	AD:	DR	ES	S:		701	l Ai	nei	lia i	Str	eet						
_																		Gra	etna	ι, Ι	La.	70	005	3					
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9-858-4800

Piscataway, NJ 908-981-0550

Carte Place, NY 516-997-7251

Manhattan, NY 212-290-0052

Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066 910-297-1487

Houston, TX 713-686-3635

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Thursday, November 14, 1996

Ref Number: TX962896

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASB</u> %	ESTOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WBS29429501 MA2	294/295	Tan Non-Fibrous Homogeneous	Teased	No	ne Detected			100%	6 Other
WBS56903MA2	569	Tan Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas **Analyst**

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ Place 609-858-4800 908

Piscataway, NJ 908-981-0550 Carle Place, NY 516-997-7251

212-290-0052

Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Ecology & Environmental

11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, October 22, 1996

Ref Number: TX962528

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBI %	STOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS % NONFIBROUS
WB101901GR	A 569	Brown Non-Fibrous Homogeneous	Teased	2% Ch < 1% An < 1% Cr				98% Other
WB101902GR	#569	Brown Non-Fibrous Homogeneous	Teased	2% Ch < 1% An < 1% Cro				98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0569-570

Approved

Signatory

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Carle Place, NY 516-997-7251

Manhattan, NY 212-290-0052

Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, October 30, 1996

Ref Number: TX962647

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE		ESTOS	04	NONASB		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1028-01GR	#569 (701 AMELIA)	Tan Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other
WBS1028-02GR	#569 (701 AMELIA)	Tan Non-Fibrous Homogeneous	Teased	2% Ct	rysotile			98%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas

Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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Manhattan, NY 212-290-0052

Seattle, WA

Ann Arbor, MI San Mateo, CA 313-668-6810 415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, November 05, 1996

Ref Number: TX962742

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

		•	SAMPLE	<u>ASBE</u>	ESTOS	NONASBESTOS					
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS		
WBS569-03- GR3	569-PILE	Tan Non-Fibrous Homogeneous	Teased	2% Ch < 1% Am	rysotile nosite			98%	% Other		
WBS569-02- GR3	569-GRIDS	Tan Non-Fibrous Homogeneous	Teased	< 1% Chr < 1% Am	-			100%	6 Other		
WBS620-02- MA2	620	Tan Non-Fibrous Homogeneous	Teased	< 1% Che < 1% Am	-			100%	6 Other		

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas

Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Piscataway, NJ 908-981-0550

Carle Piace, NY 516-997-7251

Manhattan, NY 212-290-0052

Seattle, WA 203-233-9007

Ann Arbor, MI 313.668.6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, November 12, 1996

Ref Number: TX962860

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE:	STOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WBS 446 01 MA1	TRACK 446 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chry					6 Other
WBS 625 01 MA1	TRACK 625 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chry	ysotile			100%	6 Other
WBS 569 03 MA2	TRACK 569 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chry < 1% Cross				100%	6 Other
WBS 622 01 MA2	TRACK 622 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chry	/sotile			100%	6 Other
WBS 446 02 MA1	TRACK 446 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1% Chry < 1% Croo				100%	6 Other
WBS 449 02 MA2	TRACK 449 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chry < 1% Croc				100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

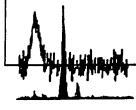
Carlos D. Salinas **Analyst**

> Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative f guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items test only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endor, nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to a is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0569-570

Approved

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Houston, TX 713-686-3635



Ecology & Environmental 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, October 23, 1996

Ref Number: TX962523

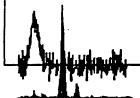
PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBA101901GR	701 AMELIA (#569)	10/19/96	6405.00	43.0	100	0.0004	54.78	0.0033
WBA101902GR	701 AMELIA (#569)	10/19/96	6405.00	20.0	100	0.0004	25.48	0.0015
WBA101903GR	701 AMELIA (#569)	10/19/96	6405.00	19.0	100	0.0004	24.2	0.0015
WBA101904GR	701 AMELIA (#569)	10/19/96	6405.00	17.5	100	0.0004	22.29	0.0013

Steven Duhon **Analyst**

Approved Signatory



LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Houston.

Piscataway, NJ 908-981-0550

Carle Place, NY 516-997-7251

Manhattan, NY 212-290-0052

Seattle, WA 203-233-9007

Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

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713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, October 29, 1996

Ref Number: TX962628

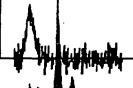
PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBA102601GR	701 AMELIA #569	10/26/96	5530.69	4.5	100	0.0005	5.73	<lod< td=""></lod<>
WBA102602GR	701 AMELIA #569	10/26/96	5517.84	5.5	100	0.0005	7.01	0.0005
WBA102603GR	701 AMELIA #569	10/26/96	5470.13	3.5	100	0.0005	4.46	<lod< td=""></lod<>
WBA102604GR	701 AMELIA #569	10/26/96	5517.84	4.5	100	0.0005	5.73	<lod< td=""></lod<>

Steven Duhon **Analyst**

Approved Signatory



LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Houston.

Piscataway, NJ 908-981-0550 Carle Place, N7 516-997-7251 Manhattan, N7 212-290-0052 Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, November 05, 1996

Ref Number: TX962744

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
569-DOWNWIND	11/2/96	2647.00	7.5	100	0.0010	9.55	0.0014
569-UPWIND	11/2/96	2655.00	8.5	100	0.0010	10.83	0.0016
569-DOWNWIND	11/2/96	2663.00	11.5	100	0.0010	14.65	0.0021
	569-DOWNWIND 569-UPWIND	569-DOWNWIND 11/2/96 569-UPWIND 11/2/96	Location Sample Date (liters) 569-DOWNWIND 11/2/96 2647.00 569-UPWIND 11/2/96 2655.00	Location Sample Date (liters) Fibers 569-DOWNWIND 11/2/96 2647.00 7.5 569-UPWIND 11/2/96 2655.00 8.5	Location Sample Date (liters) Fibers Fields 569-DOWNWIND 11/2/96 2647.00 7.5 100 569-UPWIND 11/2/96 2655.00 8.5 100	Location Sample Date (liters) Fibers Fields fib/cc 569-DOWNWIND 11/2/96 2647.00 7.5 100 0.0010 569-UPWIND 11/2/96 2655.00 8.5 100 0.0010	Location Sample Date (liters) Fibers Fields fib/cc mm² 569-DOWNWIND 11/2/96 2647.00 7.5 100 0.0010 9.55 569-UPWIND 11/2/96 2655.00 8.5 100 0.0010 10.83

Steven Duhon Analyst Approved Signatory



LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.

Analysis performed by EMSL of Houston.

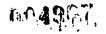
# of ADVF's Requested	Parish # 2240	Source #	FORM FOR	ADVF #	12/95	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)	
II. FACILITY INFORMATION		Contact: John	Contact: John Martin			
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270			
Mailing Address: 1445 Ross Ave		- 				
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality	La. Contractor's I	iscense #: 26445	DEQ ID #: 7S00008			
Address: 113 Ondine Lane						
City: Slidell		State: LA	_	Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:			
Address:			_			
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno						
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO Inspection Date: Jan Apr. 1996						
Inspector's Name: Debra Bendily (LDEQ) Inspector's Accreditation #: 6 I = 6 8 S						
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)			
Building/Component Name: Home (#56	59)	Fire Marshall	Project #:			
Street Address: 701 Amelia Street						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson	n	
Site Location: In front corner of yard		Telephone: NA				
Building Size: NA	# of Floors: NA	Age in Years: NA				
Present Use: NA		Prior Use: NA	A			
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL; Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIAT	E, USED TO I	ОЕТЕСТ ТНЕ РЕ	RESENCE OF	
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1) Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below		
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component				Cu Ft:	Cu yds: 3	
VIII. SCHEDULED DATES ASBESTOS REM	IOVAL (MM/DD/YY)	Start:		Complete:	Complete:	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start:	Start: Complete:			

NOTIE	CATION OF DEMOLITION A	ND RENOVATION FORM (co	ntinued)
X. DESCRIPTION OF PLAN		VATION WORK AND METHOD	
OF ASBESTOS AT THE DEMO	OLITION AND RENOVATION S	RING CONTROLS TO BE USED SITE: ons for engineering control. Ambie	
XII. WASTE TRANSPORTER	.#1		
Name: Quality Contractors	13 Vaughen Contractor	Contact Person: Jerry Avery	# 3 H.P. Vaughan
Address: 113 Ondine Lane	#3 685 Dally 4	C.FI Auc	
City: Slidell #3 Bridge C.H.	State: LA	Zip: 70458 " 272077	Telephone#: 504-646-0039
WASTE TRANSPORTER	#2		
Name: Bas Equipme	ent Co Inc.	Contact Person: B. 117 Ry	د ا د
Address: 1713 Wind			
City: Harvey	State: LA	Zip: ⊃oo≤58	Telephone #: 504 -310 - 2011
XIII. WASTE DISPOSAL SITE	<u>;</u>		
Name: Jefferson Pr	arish Lind(1) (Ke	1012 (cond (11))	
Location: 5 geo A	rule. 90 West		
City: Arondale	State: C.A.	Zip: つこいらり	Telephone: 507-436-0247
XIV. IF DEMOLITION ORDER	RED BY A GOVERNMENT AGE	ENCY, PLEASE IDENTIFY THE	AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD/	YY)
XV. FOR EMERGENCY REN	OVATIONS		
Date and hour of emergency (MN	I/DD/YY):		
Description of the Sudden, Unexp	pected Event:		
Explanation of how the event caus	sed unsafe conditions or would cau	se equipment damage (or an unrea	sonable financial burden):
XVI. DESCRIPTION OF PROCEDURE NONFRIABLE ASBESTOS MATI	ERIAL BECOMES CRUMBLED, PULVE	THAT UNEXPECTED ASBESTOS IS FO PRIZED, OR REDUCED TO POWDER.	OUND OR PREVIOUSLY
XVII. I CERTIFY THAT AN INDIVIDU SUBPART M) WILL BE ON-SIT	JAL TRAINED IN THE PROVISIONS O	F THIS REGULATION (LAC 33:III.Char NOVATION AND EVIDENCE THAT THE EQTION DURING NORMAL BUSINESS (Signification Owner) Official Contractor)	ster 27, Appendix A / 40 CFR PART 61, IE REQUIRED TRAINING HAS BEEN S HOURS.
XVIII. I CERTIFY THAT THE ABOVE	INFORMATION IS CORRECT.	Och must:	10 3-01

(Signature of Owner/Operator) Contractor)

PURSUANT TO R.S. 40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895



# of ADVF's Requested	Parish #	Source #		ADVF#
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISE) CANCELED
IL FACILITY INFORMATION		Contact: J. Martin		
OWNER NAME: U.S. EPA	4 RG	Telephone		5-2270
Mailing Address: 1445	Ross Ave			
city: Dallas		State: 7	X	zip: 75202
REMOVAL CONTRACTOR: Quali	ty Env. Contr.	264	License #:	7500008
Address: 1/3 DNDINE	LANE		•	
City: SCIDELL		State: 2	A	zip: 70456
Contact: Gerald Ave	ry	Telephone:	(504) 60	16-00.39
OTHER OPERATOR:	<u>, </u>	DEQ Projec	t Designer#:	
Address:				
City:		State:		Zip:
Contact:		Telephone:		
III. TYPE OF OPERATION (CI	RCLE ONE) Demo	Ordered Der	no Renovatio	n Emergency Reno
IV. IS ASBESTOS PRESENT? (C	IRCLE ONE) YES NO	Inspection I	Date: Jan-	Apr 196
Inspector's Name: D. Bendi	14	Inspector's	Accreditation #:	
	Include building name, nu	mber, and floor	or room number	r)
Building/Component Name: Scho	o/	Fire Marsha	l Project #:	
Street Address: 701 Amel	ia St			(FF 569)
City: Gretna	State: $\angle A$	 	2053	Parish: Jefferson
Site Location: NW play of	area (in yard)	Telephone:	NA	
Building Size: NA	# of Floors: NA	Age in Year	: NA	
Present Use: NA	· · · · · · · · · · · · · · · · · · ·	Prior Use:	NA	
VI. PROCEDURE INCLUDING AN PRESENCE OF ASBESTOS MATER	VALYTICAL METHOD VIAL:	IF APPROPI	riate, used 1	O DETECT THE
VIL APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit Measurement Below
		Cat I	Cat II	UNIT
Pipes				Ln Ft:
Surface Area				Sq Ft:
Vol RACM off Facility Component				Cu Ft: Cu Yds: 3
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: /0/1	7/96	Complete: 10/14/96
X. SCHEDULED DATES DEMO/RENOVA		Start: /0/	///X	Complete: 10/14/96

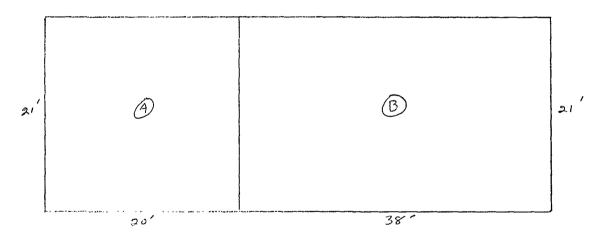
NOTIFICATION OF DEMOLITION AND RENOVATION FORM FORM AAC-2 REV 5/12/95

	FICATION OF DEMOLITION		- minucu/
Excavation	anned demolition or ri of residential p techniques.	enovation work and me sroperties utilizing	THOD(s) TO BE USED: 3 Standard
EMISSIONS OF ASBESTOS	SATTHE DEMOLITION AND Cavate ACM USING	neering controls to be renovation site: y wet method and air	1 no-visiable
XIL WASTE TRANSPORT	ER #1		<u> </u>
Name Quality Co	ontractors	Contact Person: Jerry	Avery
Address: 113 Ond	_		
City: Slide//	State: LA	Zip: 70458	(504)(646-0039
WASTE TRANSPORTER	₹#2		
Name:		Contact Person:	
Address:			
City:	State:	Zip:	Telephone:
XIII. WASTE DISPOSAL ST	TE:		
Name:			
Location:			
City:	State:	Zip:	Telephone:
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT	AGENCY, PLEASE DENTIFY	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD/	YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (MIN	NDD/YY):		
Description of the Sudden, Unexp	pected Event:		
Explanation of how the event caus	sed unsafe conditions or would cau	use equipment damage (or an unreas	sonable financial burden):
XVI. DESCRIPTION OF PROCEDU NONFRIABLE ASBESTOS MATERI	RES TO BE FOLLOWED IN THE EVI AL BECOMES CRUMBLED, PULVEI	ENT THAT UNEXPECTED ASBESTOS RIZED, OR REDUCED TO POWDER	is found or previously
PART 61, Subpart nd Will be of	n-site during the demolition	NS OF THIS REGULATION (LAC 33:11 NOR RENOVATION AND EVIDENCE FOR INSPECTION DURING NORMAL (S) gradue of Owner/Operator/Contractor)	THAT THE REQUIRED TRAINING
XVIII. I CERTIFY THAT THE ABOV	Æ INFORMATION IS CORRECT. (John Whatin	0-26-06

PURNIANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHAL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

Ву	_ Date	. Subject	569	Sheet No	of
Chkd. By	_Date		· · · · · · · · · · · · · · · · · · ·	Proi. No	

701 AMPLIA ST (SCHOOL)



A 21'x 20' = 42 FT2

(B) 38' x 21' = 798 FT2

TOTAL=840 FT2

93.33 y02

estmont, NJ)9) 858-1260

Piscataway, NJ (908) 981-0550

Carle Place, NY (516) 997-7251 Smyrna, GA (404) 333-6066 Houston, Texas (713) 460-4115

Ann Arbor, MI (313) 668-6810 San Mateo, CA (415) 570-5401



Tuesday, October 22, 1996

s. Madalyn E. Ball ology & Environment 550 Newcastle Ave., #250 iton Rouge, LA 70816

oject:

020601 - WESTBANK ASBESTOS

tention:

Ms. Madalyn Ball

f Number: TX962532

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS	
WBS101901GR	SOIL	0%	95%	1% - 5%	٦

569

Analyst Sand

Supervisor

ACCREDITATIONS: NVLAP #2106

^{*}Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

^{**}To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

Westmont, NJ (609) 858-1260

Piscataway, NJ (908) 981-0550

Carle Place, NY (516) 997-7251

Smyrna, GA (404) 333-6066 Houston, TX (713) 686-3635

Ann Arbor, MI (313) 668-6810

San Mateo, CA (415) 570-5401



Tuesday, November 12, 1996

Ecology & Environment, Inc. 11550 Newcastle Ave., #250 Baton Rouge, LA 70816

Project:

WESTBANK ASBESTOS

Attention:

Ms. Madalyn Ball

Ref Number:

TX962859

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

	SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS
(46	WBS44601MA1	Brown	0%	93%	1% - 5% 1
-25	WBS62501MA1	Brown	0%	88%	Trace <1%✓
÷9	WBS56903MA2	Brown	0%	95%	1% - 5% 4

Lh/2. Hand

Laboratory Supervisor

ACCREDITATIONS: NVLAP #2106

^{*}Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

^{**}To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

Piscataway, NJ (908) 981-0550 Carle Place, NY (516) 997-7251

Smyrna, GA (404) 333-6066 Houston, TX (713) 686-3635

Ann Arbor, MI (313) 668-6810 San Mateo, CA (415) 570-5401



Wednesday, October 30, 1996

Ecology & Environment, Inc. 1550 Newcastle Ave. #250 Baton Rouge, LA 70816

³roject:

020601 Westbank Asbestos

Attention: Ref Number: Madalyn Ball TX962646

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS
WBS102801GR	Brown	0%	94%	Trace <1%

569

0/28

Analyst

japoratory Supervisor

*Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

^{**}To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8-6-98</u> SITE#: <u>569</u>	ADDF	ESS: 701 AMEHA GRETNA	<i>ST</i> ,
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			
	No VISAL	SLE ACM	
		AND DOWN	

05-0569-540

TEAM MEMBERS:

FIELD DATA SHEET 1

Site Information:		(1) (2)	
Occupant:		Interviewee:	
(b) (6) Address:	Gretne	a.LA 70	053
Phone No.: (b) (6)	,		
Owner Name, Address, and Phone No. if Diffe	rent Than Occupan	nt:	;
Site Description:			
Description of property (circle): Single ho vacant house; vacant lot; other	ome; duplex; l	business; school; day	care; church;
Problems accessing yards (circle): locked resolution:	gate; gate; do	ogs; other N	
3) Underground utilities installed by owner? (c septic tank; other		ter; gas; electric; ca	able TV;
4) Is any underground ACM present? (circle): If yes, note on site sketch. How deep?	yes; no; don'	t know	
Site Sketch:	port	Shed	N
24	-7- pum 0	House	Acm 56'
(b) (6)			
Estimated Volume of ACM:		,	
Comments Dimestone w/ldgs	ing		
Date/Time of Interview: 10/4/96	1/20	Access Granted (circle):	yes;) no
Team Members: Rhodes / Nouch	ureli		

1 Racking # 570

9 150

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address:

State/Zip:

A 70053 Phone Number(s):

| CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA | CRETNA

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

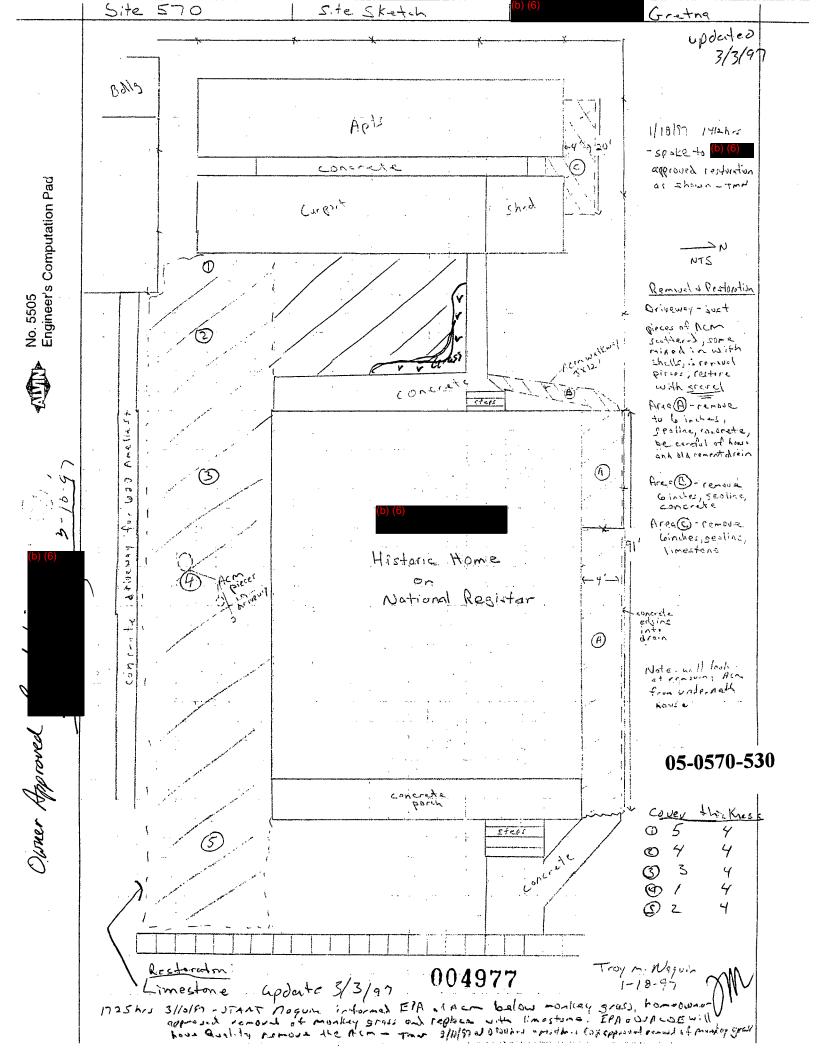
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96

SIGNATURE



FYI:			; ; .	
SITE# <u>570</u>		ADDRESS: (b) (6)	tra, LA	
THE SAMPLE ANALYSI WERE EVALUATED BY	IS RESULTS FOR THE A	above referencei eam on <u>3-8-9</u>	O SITE WERE RECE Y	IVED AND
BASED ON AN EVALUA ACTION:	ATION OF THE ANALY GRID #: 1 2	TICAL DATA, WE RE	ECOMMEND THE FO	OLLOWING
A. PROCEED WITH RE	STORATION: $\frac{1}{2}$.
B. FURTHER ACTION I	NECESSARY:			-
·visible ACM highligh ·ordined 03-07-94	ted below: (5) kan	Apartment	41.	NTS be or an
2) W85576G62 6" line	estone dirimon	Carport Shed	20'	au
(3) LDES 570GOS (6" limes in the control of limes in t	ficite Lyane T	Somereic 4" Ach		
		D) (6)	2'ACM G'shikem	ent
	48 41861-		G I ACM	nder house
			2:3:	
5 Act	ete (soil)		E	
				4:0
AUTHORIZED EPA/ST.	ART REPRESENTATIV	004978 E Laurena P.	05	-0570-560

Emilmont, NJ Placalaway, NJ Corio Flace, NY Markettan, NY Seazie, WA Add Arbor, NI San Musico, CA Smytha, &A Grocesberg, NC Horizon, NA 409 Arbor, NI San Musico, CA Smytha, &A Grocesberg, NC Horizon, NA 409 Arbor, NI San Musico, CA Smytha, &A Grocesberg, NC Horizon, NA 409 Arbor, NI San Musico, CA Smytha, &A Grocesberg, NC Horizon, NA 409 Arbor, NI San Musico, CA Smytha, &A Grocesberg, NC Horizon, NA 409 Arbor, NI San Musico, CA Smytha, &A Grocesberg, NC Horizon, NI 409 Arbor, NI San Musico, CA Smytha, &A Grocesberg, NC Horizon, NI 409 Arbor, NI 500 Arbor,

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, March 11, 1997

Ref Number: TX97742



POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE	sros		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS570G01	(b) (6)	Brown	: Teased	2% Chi	ysotile .			98%	6 Other
		Fibrous Homogensous							
WB\$570G02		Brown	Teased	. 4% Chi	rysotile -	,		96%	6 Other
		Fibrous Homogeneous				:			
WB\$570G03		Brown Fibrous Homogeneous	Teased	- < 1% Chi	ysotilė	! ! .		100%	6 Other
WBS570G04		Brown Fibrous Homogeneous	Teased	. 2% Chi	rysotile			98%	6 Other
WBS210G01		Brown Fibrous Homogeneous	Teased	j 2% Ch	rysotile			98%	6 Other
WBS210G02		Brown Fibrous Homogeneous	Teased	< 1% Ch	rysotil e			100%	6 Other
		· · · · · · · · · · · · · · · · · · ·	i I	:	.,,	;			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr. Analyst

Approved Signatory

1

Disclaimers; PLM has been known to miss asbostos in a small percentage of samples which contain asbestos. Thus negative Pt M results cannot be guaranteed. Floor files and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVI,AP nor any spentoy of the United States Government, All "INVI,AP" reports with NVI,AP logo must contain at least one signature to be valid. I aboretory is not responsible for the socuracy of results when requested to physically separate and analyze tayered samples.

05-0570-570

of ADVF's Requested	Parish = 2240	Source #	EORM FOR	ADVF #	12/95		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)		
II. FACILITY INFORMATION		Contact: John Martin					
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270				
Mailing Address: 1445 Ross Ave							
City: Dallas		State: TX		Zip: 75202			
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's I	Liscense #: 26445	DEQ ID #: 7S00008			
Address: 113 Ondine Lane	ustan (o						
City: Slidell		State: LA		Zip: 70456			
Contact: Gerald Avery		Telephone: 5	04-646-0039				
OTHER OPERATOR:		DEQ Project	Designer #:				
Address:							
City:		State:		Zip:			
Contact:		Telephone:					
III. TYPE OF OPERATION (CIRC	LE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno		
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) YES NO	Inspection Da	ate: Jan Apr.	1996			
Inspector's Name: Debra Bendily (LD	DEQ)	Inspector's Accreditation #: しょっしゃい					
V. FACILITY DESCRIPTION (In	nclude building name, numb	er, and floor or	r room number))			
Building/Component Name: Home (#57	(0)	Fire Marshall Project #:					
Street Address: (b) (6)							
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	1		
Site Location: Both sides of the house in	yard	Telephone: N	IA				
Building Size: NA	# of Floors: NA	Age in Years	: NA				
Present Use: NA		Prior Use: NA					
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A ng - EPA Method 600/R-93	APPROPRIAT /116	E, USED TO I	DETECT THE PI	RESENCE OF		
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below				
		Cat I	Cat II	UNIT			
Pipes				Ln Ft:	Ln m:		
Surface Area				Sq Ft:	Sq m:		
Vol RACM off Facility Component				Cu Ft:	Carm: 8		
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start:		Complete:			
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: Complete:					

NOTIFICATION OF DEMOLITION	AND RENOVATION FORM (co	ntinued)						
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.								
XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE: Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.								
XII. WASTE TRANSPORTER #1								
Name: Quality Contractors #3 Vaughan Contractors	Contact Person: Jerry Avery	H. P. Vaushan						
Address: 113 Ondine Lane * 3 635 Calse C	.ty 17ve							
City: Stidell 32 Jack LA State: LA	Zip: 70458 + 3 7 2094	Telephone#: 504-646-0039						
WASTE TRANSPORTER #2								
Name: Bas Egroment Co, Tru	Contact Person: Billy R	yals						
Address: 1713 Winhester Piece	•							
City: Hurrey State:	Zip: つこもらる	Telephone #: 504 - 3 40 - 2091						
XIII. WASTE DISPOSAL SITE:								
Name: Jeffeison Parish Landfill	kelvin Landtill							
Location: 5800 Aventale 98 West	- }							
City: Ausalale State: LA	Zip: つoefy	Telephone: 504-436-0244						
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY THE	AGENCY:						
Name:	Title:	Authority:						
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/	YY)						
XV. FOR EMERGENCY RENOVATIONS								
Date and hour of emergency (MM/DD/YY):								
Description of the Sudden, Unexpected Event:								
Explanation of how the event caused unsafe conditions or would c	ause equipment damage (or an unrea	sonable financial burden):						
XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVEN NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PUL	T THAT UNEXPECTED ASBESTOS IS FO VERIZED, OR REDUCED TO POWDER	OUND OR PREVIOUSLY						
Crew will used wet methods to control any visible emissions.								
NVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR F ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR IN	ENOVATION AND EVIDENCE THAT T	HE REQUIRED TRAINING HAS BEEN						
XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.	(Signature of Owner Operator Contractor)	VIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT. (Signature of Owner/Operator/Contractor) (Date) (Date)						

PURSUANT TO R.S.40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895



Issued

___ Date 3-12-97 Subject RESTORATION SITE # 570 Sheet No.___ of __ hkd. By____Date_ Proj. No. _____ SAND GREY ROCK GREY ROCK GRET SIDEWALK Gray Limestone
Gray Limestone
Gray Limestone

004982

05-0570-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-98 SITE #: 570	ADDRESS: (b) (6) GRETNA, LA
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
	NO VISABLE ACM
TEAM M	EMBERS: 55-0570-540

004983

FIELD DATA SHEET 1

Site Information:				
Occupant: (b) (6)		Interviewee: (b)	(6)	
Address:	Gretma	(a	במור	 5-3
Phone No.:				
Owner Name, Address, and Phone No. if Differ	ent Than Occupan	t:		
Site Description:				
Description of property (circle): single ho vacant house; vacant lot; other	me duplex; b	usiness; school	; daycare;	church;
Problems accessing yards (circle): locked resolution:	gate; gate; do	gs; other	0	
3) Underground utilities installed by owner? (ci septic tank; other	rele): no; wat	er; gas; elect	ric; cable T	TV;
4) Is any underground ACM present? (circle): If yes, note on site sketch. How deep?	yes; (no;)don't	know		
Site Sketch:				
Estimated Volume of ACM: Comments: limestone w/ edg	House (6)	Acm concre		
				
Date/Time of Interview: 1655	25/96	Access Granted	(circle): (yes	s;) no
Team Members: Rhower The horse	aus			

REF 571

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (b)		
Property's Address:		GRETNA	
State/Zip: LA	_Phone Number(s):_\(b)	(6)	

I hereby consent to officers, employees, and parties authorized by the United States
Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE SIGNATURE

FOR ACCESS TO



CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	& WIFE	
Property's Address:	GRETNA	
State/Zip: LOUISIANA	Phone Number(s): (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

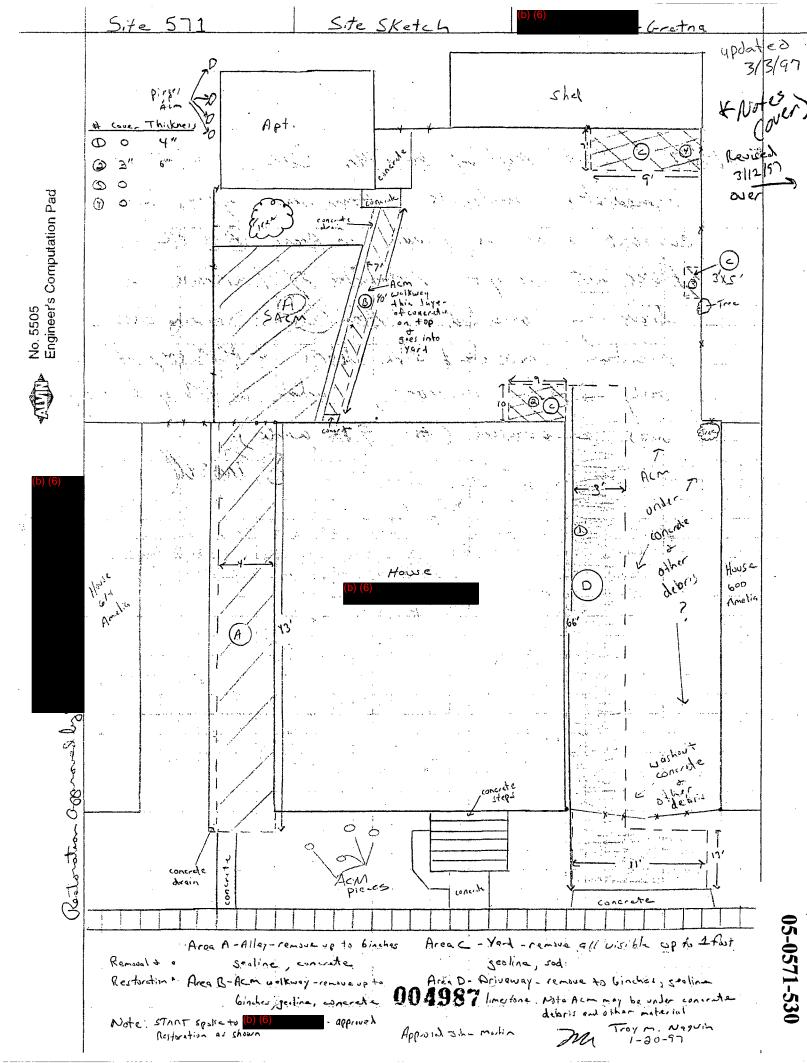
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

(b) (6)

SIGNATURE

9-23-1994 DATE



15:00 Mech of 3/11/87 to discuss remediation menterials. & sud shown 25 est. 3/12/97 - START WOSUN and EPA Martin most with my of Mr. about restoration concrete side phis, and K 有國際集團領

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

•		Gretna, LA	
SITE#	571	ADDRESS: (b) (6)	
FYI:		· : .	

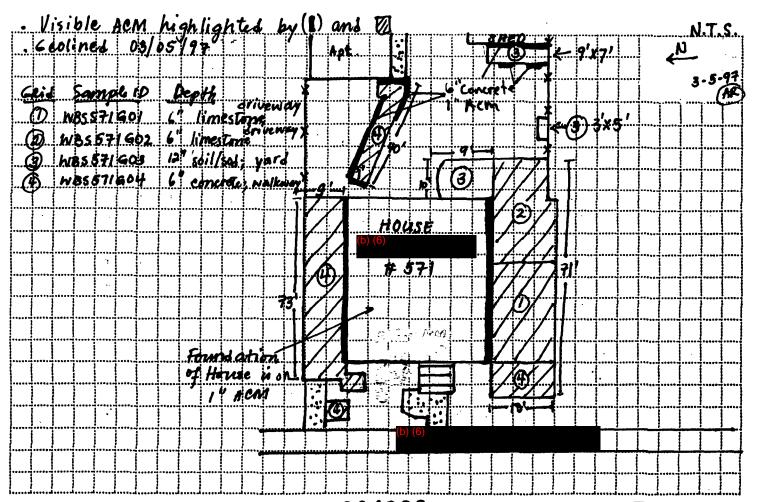
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 3-7-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



00498

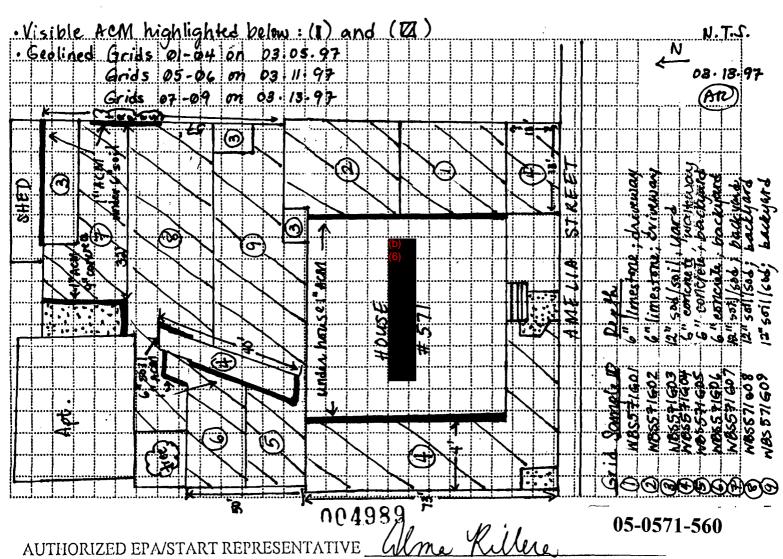
AUTHORIZED EPA/START REPRESENTATIVE Laure

Must

05-0571-560

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:				
SITE# 571	A	DDRESS: (b) (6		
		61	retna, LA	
THE SAMPLE ANALYSIS RESULTS FOR WERE EVALUATED BY THE USEPA SEASED ON AN EVALUATION OF THE ACTION:	TART TEAM	ON <u>Ø3/IS</u>	97	•
GRID#:	1 2	3 4	5 6	789
A. PROCEED WITH RESTORATION:	<u>/</u> <u>/</u>	$\checkmark\checkmark$	$\checkmark\checkmark$	<u> </u>
B. FURTHER ACTION NECESSARY:				



Ann Arber, MI Smyrra GA Machattan MY Carle Plapa, NY 910-297-1487 713-686-3635 313-688-9810 415-570-5401 ZÓS-23/2-8007 60A-658-4800 906-861-0660 618-007-7251 212-280-0052

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Friday, March 07, 1997

Ref Number: TX97705

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASE	ESTOS		NONASBI	STOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
·WBS571G01	(b) (6)	Brown Fibrous Homogeneous	Teased	3% C	hrysotile `			97%	6 Other
WBS571G02		Brown Fibrous Homogen s ous	Teased		hrysotil e			95%	6 Other
WBS571G03		Brown Fibrous Homogeneous	Teased	2% C	hrysotile		·	98%	6 Other
WBS571G04		Brown ; Fibrous ! Homogeneous	Teased	2% C	hrysotile			98%	6 Olher
WBS324G01		Brown Fibrous Homogeneous	Teased	2% C	hrysotile			98%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr. **Analyst**

Approved Signatory



Disclaimers: PLM has been known to miss sebestos in a small percentage of samples which contain asbestos. Thus nagative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSI. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Leboratory is not responsible for the accuracy of results when requested to the product and analyze layered samples.

05-0571-5"

05-0571-570

Brassaboro, NC Houston, TX Amyrus, GA San Maton, CA Ann Arbor, Mi Manhattan MY Seattle, WA Carle Place, NY 910-297-1487 713-658-2635 404-333-4000 113-662-6210 415-670-6401 203-233-9007 212-280-0052 \$14-897-7251 909 858 4800 905.951-0660

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge. LA 70816

7136863645

Thursday, March 13, 1997

Ref Number: TX97775

POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS

			SAMPLE	ASBE		•	NONASBE		NONEIBBONE
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS409 G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	o Other
WBS409 G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	o Other
·WBS415 G01		Brown Fibrous Homogeneous	Teased	12% Chr 1% Cro	-			87%	6 Other
WBS415 G02		Brown Non-Fibrous · Homogeneous	Teased	2% Chr < 1% Cro	-			98%	6 Other
WB\$415 G03		Brown Non-Fibrous Hamogeneous	Teased	< 1% Chr	ysotile			100%	6 Other
WB9571 G05		Brown Non-Fibrous Homogeneous	Teased	2% Chi	ysotile			98%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

Approved Signatory

W Halanda

Disclaiment: PLM has been known to miss aspector in a small percentage of samples which contain esbector. This negative PLM regular cannot be guisanteed, Floor tiles and wipes should be (ested with either SEM or TEM. The above test report insisted only to the items (ested. This report may only be reproduced in full with written approvable EMSL. The above test must not be used by the client to claim product endorsement by NVI AP not any agency of the United States Government, All TNVLAP reports with NVLAP logo must contain at least one signature to be valid, Laboretory is not responsible for the accuracy of results when requested to physically approximately analyze tayered samples.

Westernet. NJ Plocataway, NJ Carlo Phace, NY Mandratas, NY Sentile, WA Ann Arbor, NI Ran Maire, CA Smyras, GA Greenthore, NC Houston, TX 000-868-4500 808-981-0560 516-507-7281 212-280-5052 203-233-2007 213-608-4210 416-570-5401 604-333-2008 910-287-1437 715-686-5033

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Thursday, March 13, 1997

Ref Number: TX97775

POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS

			SAMPLE	ASSE	STOS		NONASBE	STOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS .	%	NONFIBROUS
WB\$571 G06		Brown Non-Fibrous Homogeneous	Teased	2% Chr < 1% Cr6	-			98%	6 Other
WBS014 G01	· ;	Brown Non-Fibrous Homogeneous	Teased	5% Ch < 1% Cn				95%	ó Other
WBS 014 G02		Brown Non-Fibrous Hornogeneous	Teased	< 1% Ch	rysotile:			100%	6 Other
WBS014 G03	i i	Brown Non-Fibrous Homogeneous	Teased	: : < 1% Ch	rysot ile			100%	6 Other
WBS014 G04		Brown Non-Fibrous Homogeneous	Teased	No	one Detected			100%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each emponent is analyzed separately Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Sàlinas

Analyst

Approved Signatory

Disclaimers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative PLM resultagannot be guaranteed. Ploor tiles and wipee should be readed with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSt. The above test must not be used by the client to claim product endorsement by NtLAP or exports with NVLAP logo must contain at least one signature to be valid. Labretory is not responsible for the accuracy of results when requested to physically separate and analyze tayered earthples.

05-0571-570

		Carlo Placa, NY	Manhattan, NT	Sentitio, WA	Ann Arbor, MI	Ban Mateo, CA	\$ргугаа, 6 ≜	й гос авього, НС	Houston, TX
Westmoon, NJ	Pleoniawsy, KJ	CHAIR Letter w.		***************************************		415-570-5401	404-553-806\$	910-297-1487	7 12-629-34325
COB-858 4200	906-961-9556	616-807-7251	212-2 80 -0068	203-232-9007	313-868-6810	#12-01/n-0401	E1199	0.0	

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, March 17, 1997

Ref Number: TX97812

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE		STOS		NONASB		NONCIBROUR
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS3651366G) (6)	Brown	Teased	2% Chi	ysotile			98%	6 Other
01		: : Fibrous							
j .		: Homogeneous	1			;			
		:		•	***				
WBS3651366G		Brown	Teased	40% Ch	rvsotile -			60%	6 Other
·02		Fibrous		< 1% Cro					
		: Homogeneous		•					
WBS3651366G		Brown	Teased	2% Ch	rventile			989	6 Other
03		Fibrous	1 8 8 5 G U	£ 70 ON	ysomo			55,	· Ottie
		Homogeneous		•					
		Jan Bentaga							
WB\$3651366G					All a			4000	
04		Brown	Teased	< 1% Ch	rysome			1007	6 Other
		Fibrous Homogeneous							
		rioniogeneous							
		•				•			
WBS3651366G		Brown	Teased	. < 1% Ch	rysotile			100%	6 Other
0.5		: Fibrous							
}		Homogeneous							
					*	•			
WB\$571G07		Brown	Teased	3% Ch	rysotilė			979	6 Other
		Fibrous			-				
1		Homogeneous		•					

Comments: For all obviously heterogeneous samples easily separated into subsamples, end for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Herriandez, Jr. Analyst

Approved Signatory

Disclaimers: PLM has been known to miss espectos in elamali percentage of eamples which contain asbeatos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP togo must contain at least one signature to be valid. Leborstory is not responsible for the accuracy of results when requested to physicalty separate and analyze tayered samples.

604993

Layres, Cl San Mutoo, CA Ann Arber, MI Manhattan, NY Santzia, WA Carlo Place, NY Platataway, XJ 712-486-3624 810-297-1487 404-111-0006 418-670-5401 203-833-9007 313-462-6810 Z12-200-0052 \$14-107-7251 NOVAL LAKES

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, March 17, 1997

Ref Number: TX97812



POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBES %	itos Type	%	<u>NONASBES</u> FIBROUS		NONFIBROUS
WBS571G08 (b) (6	:	Brown Fibrous Homogenbous	Teased	3% Chry	ractile .	;		97%	Other
WBS571G09	•	Brown Fibrous Homogeneous	'Teased	2% Chry	/sotile	;		98%	Other .
WB\$109G01	1	Brown Fibrous Homogeneous	Teased	2% Chry 2% Groo		:		96%	Other
·WB\$109G02		Brown Fibraus Homogeneous	Teased	< 1% Chry	ysotile	!		100%	Other
WB\$109G03		Brown Fibrous Homogeneous	Teased	•	e Detected			100%	Other

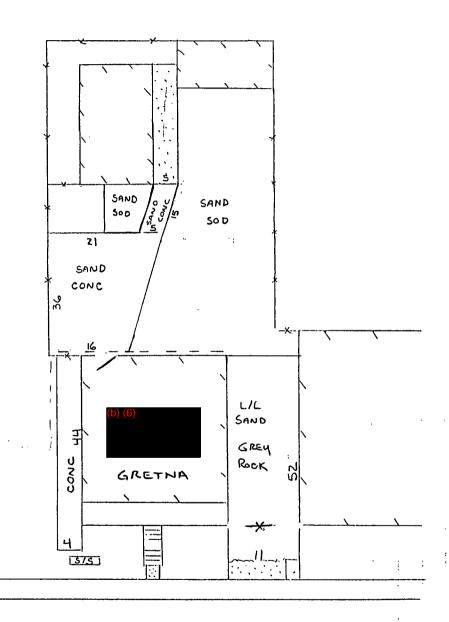
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr. Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain sabastos. Thus negative PLM results cannot be gustanteed. Floor titles and wipers should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSt. The above test must not be used by the client to claim product endorsement by NVLAP nor any egency of the United States Government. All "NVLAP" reports with NVLAP logo must obtain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

IT REPRESENTATIVE SIGNATURE

NOLA REPRESENTATIVE SIGNATURE

RESTORATION FORM

05-0571-590

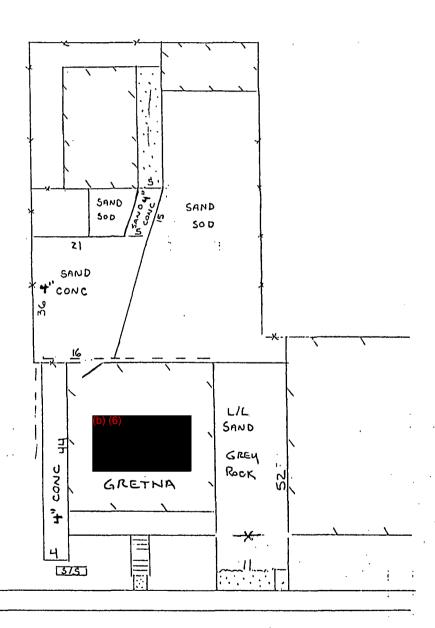
SITE# 571

		DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
	RATE				QTY.	QTY.	COMP.
Rock Installation (sq.yds.)	\$6.84/sy				65. <u>50</u>		
Sod Installation (sq.yds.)	\$5.15/sy				196.50		
6" Concrete Installation (sq. yds.)	\$30.10/sy				102		
4" Concrete Installation (sq. yds.)	\$26.40/sy						
Sand Installation (sq.yds.)	\$4.15/sy	:			279.≌		
Lower Lift #1	\$1.16/sy				હ5. ^{ક્<u>ટ</u>}		
Lower Lift # 2	\$1.16/sy						
Lower Lift #3	\$1.16/sy						
Rock, Brown (cu.yds.)	\$20.50/cy						
Rock, Gray (cu.yds.)	\$29.00/cy				14. %		
Sand (cu.yds.)	\$12.70/cy				78.≅		
Concrete (cu.yds.)	N/A	 			17		
Plastic Edging (ft.)	\$1.65/ft	···					
Walkway Rock Inst. (sq.yds.)	\$9.12/sy						
Topsoil (cu.yds.)	\$21.00/cy						<u> </u>
	Site Ske	tch on B	ack of P	age			
COMMENTS:							



1
ノ

REVISED 3-18-97



WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

NOLA REPRESENTATIVE SIGNATURE

RESTORATION FORM

SITE # 571

		DATE	DATE	DATE			
	DATE -	<u></u>			EST.	ACTUAL	ACT.
	RATE			<u> </u>	QTY.	QTY.	COMP
Rock Installation (sq.yds.)	\$6.84/sy		`		65. ⁵⁰		
3od Installation (sq.yds.)	\$5.15/sy			·	196.50		
6" Concrete Installation (sq. yds.)	\$30.10/sy						
4" Concrete Installation (sq. yds.)	\$26.40/sy				102		
Sand Installation (sq.yds.)	\$4.15/sy				279.50		
Lower Lift #1	\$1.16/sy				رح. يخ		
Lower Lift # 2	\$1.16/sy						
Lower Lift #3	\$1.16/sy						
Rock, Brown (cu.yds.)	\$20.50/cy						
Rock, Gray (cu.yds.)	\$29.00/cy						ļ
Sand (cu.yds.)	\$12.70/cy				85		<u> </u>
Concrete (cu.yds.)	N/A				11		<u> </u>
Plastic Edging (ft.)	\$1.65/ft						
Walkway Rock Inst. (sq.yds.)	\$9.12/sy	· · · · · · · · · · · · · · · · · · ·					
Topsoil (cu.yds.)	\$21.00/cy		<u></u>				<u> </u>
	Site Ske	tch on E	Back of P	'age			
COMMENTS:							
			-		• }		
IT REPRESENTATIVE SIGNATU	JRE	(in	1000		· · · · · · · · · · · · · · · · · · ·	05-057	1 500

NOTIFICATION OF	DEMOLITION AND RE	NOVATION	EORMFOR	RMAAC-2 REV 5	/12/95		
# of ADVF's Requested	Parish # 2240	Source =		ADVF #			
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	ŔEVISED	CANCELED)		
II. FACILITY INFORMATION		Contact: John Martin					
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270				
Mailing Address: 1445 Ross Ave							
City: Dallas	State: TX		Zip: 75202				
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008			
Address: 113 Ondine Lane							
City: Slidell		State: LA		Zip: 70456			
Contact: Gerald Avery		Telephone: 5	04-646-0039				
OTHER OPERATOR:		DEQ Project	Designer #:				
Address:							
City:		State:		Zip:			
Contact:		Telephone:					
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno							
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO Inspection Date: Jan Apr. 1996							
Inspector's Name: Debra Bendily (LD	Inspector's Accreditation #: しょっくもく						
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#57	Fire Marshall Project #:						
Street Address: (6) (6)							
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n		
Site Location: Sides and back of the hou	se in yard	Telephone: NA					
Building Size: NA	# of Floors: NA	Age in Years	: NA				
Present Use: NA		Prior Use: NA					
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF ing - EPA Method 600/R-93	APPROPRIAT 3/116	E, USED TO I	DETECT THE PI	RESENCE OF		
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement		
		Cat I	Cat II	UNIT			
Pipes				Ln Ft:	Ln m:		
Surface Area			·	Sq Ft:	Sq m:		
Vol RACM off Facility Component				Cu Ft:	Cu # i≤		
VIII. SCHEDULED DATES ASBESTOS REM	IOVAL (MM/DD/YY)	Start:		Complete:			
IX. SCHEDULED DATES DEMO/RENOVA	Start: Complete:						

V DESCRIPTION OF DIAMNED DEMOLITION OF DENO					
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.					
XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE: Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.					
XII. WASTE TRANSPORTER #1					
Name: Quality Contractors #3 Vauphan Contractor	Contact Person: Jerry Avery	3 H.P. Vaughan			
Address: 113 Ondine Lane #3 685 Bridge Cit		<i>V</i>			
City: Slidell *3 Bridge City State: LA	Zip: 70458 #370094	Telephone#: 504-646-0039 #3 (504) - 436 - 7777			
WASTE TRANSPORTER #2					
Name: B43 Equipment Co, Inc	Contact Person: Billy Ry	els			
Address: 1713 Winchester Place	,				
City: Harvey State: LA	Zip: 70058	Telephone #: (504) 340 - 7091			
XIII. WASTE DISPOSAL SITE:					
Name: Jefferson Parish Landfil	Name: Jefferson Parish Landfill (Kelvin Landfill)				
Location: 5800 Avondele 90 Wes	•				
City: Avondale State: LA	Zip: 70094	Telephone: (504) 436-0244			
City: Avondale State: CA XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AG		(504) 436-0244			
		(504) 436-0244			
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AG	ENCY, PLEASE IDENTIFY THE	(504) 436-0244 AGENCY: Authority:			
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AG Name:	ENCY, PLEASE IDENTIFY THE	(504) 436-0244 AGENCY: Authority:			
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AG Name: Date of order (MM/DD/YY)	ENCY, PLEASE IDENTIFY THE	(504) 436-0244 AGENCY: Authority:			
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AG Name: Date of order (MM/DD/YY) XV. FOR EMERGENCY RENOVATIONS	ENCY, PLEASE IDENTIFY THE	(504) 436-0244 AGENCY: Authority:			
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AG Name: Date of order (MM/DD/YY) XV. FOR EMERGENCY RENOVATIONS Date and hour of emergency (MM/DD/YY):	ENCY, PLEASE IDENTIFY THE Title: Date ordered to begin (MM/DD/	(504) 436-0244 AGENCY: Authority: YY)			
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AG Name: Date of order (MM/DD/YY) XV. FOR EMERGENCY RENOVATIONS Date and hour of emergency (MM/DD/YY): Description of the Sudden, Unexpected Event:	ENCY, PLEASE IDENTIFY THE Title: Date ordered to begin (MM/DD/	AGENCY: Authority: YY) sonable financial burden):			
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGName: Date of order (MM/DD/YY) XV. FOR EMERGENCY RENOVATIONS Date and hour of emergency (MM/DD/YY): Description of the Sudden, Unexpected Event: Explanation of how the event caused unsafe conditions or would cannot be approximately	ENCY, PLEASE IDENTIFY THE Title: Date ordered to begin (MM/DD/	AGENCY: Authority: YY) sonable financial burden):			
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGName: Date of order (MM/DD/YY) XV. FOR EMERGENCY RENOVATIONS Date and hour of emergency (MM/DD/YY): Description of the Sudden, Unexpected Event: Explanation of how the event caused unsafe conditions or would cannow the event caused unsafe conditions or would can	ENCY, PLEASE IDENTIFY THE Title: Date ordered to begin (MM/DD/ use equipment damage (or an unrea THAT UNEXPECTED ASBESTOS IS FO ERIZED, OR REDUCED TO POWDER. OF THIS REGULATION (LAC 33:III. Char INOYATION AND EVIDENCE THAT TE	AGENCY: Authority: YY) sonable financial burden): DUND OR PREVIOUSLY ter 27, Appendix A / 40 CFR PART 61, IE REQUIRED TRAINING HAS BEEN			

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DEL P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

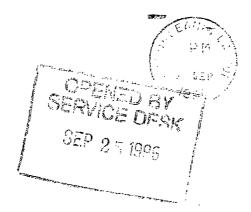
WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8-6-98</u> SITE #: <u>57/</u>		ADDRESS:	(b) (6) GRETNA LA
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		z	
SKETCH OR COMMENTS:			
		//SABLE	ACM

TEAM MEMBERS: Star U050U1:

05-0571-540

(b) (6)





5-0571-600

John SF-R2

UNITED STATES ENVIRONMENTAL PROTRCTION AGENCY REGION 6
1445 ross avenue - SUITE 1200 :
DALLAS, TEXAS 75202-2733

75202-2794 54

Raddadallandallandaladadadaladada

FIELD DATA SHEET 1

Site Information: (6) (6)	
Occupant:	Interviewee: (b) (6)
Address:	Tretna LA
Phone No.:	
(b) (6) Name Address and Phone No. if Different Than (Occu (b) (6)
Site Description:	
Description of property (circle): single home: dup vacant house; vacant lot; other	blex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; garesolution:	te; dogs; other nove
3) Underground utilities installed by owner? (circle): no septic tank; other	o; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; note on site sketch. How deep?	don't know
Site Sketch: (b) (6) Estimated Volume of ACM: (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	43×9 (313) 83×9
Comments: replace with lime. The asked husband if he wanted the lum or the concrete and he said he would	entene CONCRETE 11/22 0730
Date/Time of Interview: 10/4/96 /1:38	Access Granted (circle): ves; no
Team Members: Muchuel f Kh	rdae

TRACKING#573

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:
Property's Address:

State/Zip: 70053

Phone Number(s):



I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE SIGNATURE

TRACKING# 572

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:_	(0) (0)	
Property's Address: ^{(b) (6)}) (b) (6)	- Gretna
State/Zip: 70053	Phone Number(s):(b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SIGNATURE

05-0572-520

Sept. 4, 1996

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:					
SITE#	572/573		ADDRESS:	(b) (6)	
_			_	Gretna, La. 700)53
WERE EV BASED O ACTION:	ALUATED BY THE	SULTS FOR THE AB USEPA START TEA N OF THE ANALYTIC STATION	M ON	129/96.	
B. FURTI	HER ACTION NECE	SSARY:			1 N
		1572	4513	3	
			1		
	/		<u> </u>		
		(b) (6)		(b) (6)	
			- 2		
		.			
			3		
					05-0572-560
					05-0573-560

AUTHORIZED EPA/START REPRESENTATIVE 05006 Soldaly E. Ball

Westmont, NJ 609-858-4800 iscataway, NJ 908-981-0550

y, NJ Carle Place, NY 550 516-997-7251 Manhattan, NY 212-290-0052 Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Friday, October 25, 1996

Ref Number: TX962600

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	<u>ASBEST</u>	<u>os</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS102301MA	# 314	Tan Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite				98% Other	
WBS102302MA	#314	Tan Non-Fibrous Homogeneous	Teased	10% Chryso < 1% Amosi				90%	6 Other
WBS102303MA	#314	Tan Non-Fibrous Homogeneous	Crushed	2% Chryso < 1% Amosii				98%	6 Other
WBS102304MA	#314	Tan Non-Fibrous Homogeneous	Crushed	2% Chryso < 1% Amosit				98%	6 Other
WBS102305MA	#5 7 2	Tan Non-Fibrous Homogeneous	Crushed	2% Chryso < 1% Amosit				98%	o Other
WBS102346MA	#572	Tan Non-Fibrous Homogeneous	Crushed	5% Chryso < 1% Amosit				95%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst 05-0573-570

05-0572-570

Approved Signatory

A HI HARINA

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP jogo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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#estmont, NJ 609-858-4800 Piscataway, N 908-981-0550 Carle Place, NY 516-997-7251

a, NY Manhattan, N 251 212-290-0052 Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635 EMSI

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Friday, October 25, 1996

Ref Number: TX962600

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

	-		SAMPLE	ASBI	ESTOS		NONASBESTOS		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	<i>FIBROUS</i>	%	NONFIBROUS
WBS102357MA	#S73	Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected			100%	6 Other
WBS102358MA	4573	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile			100%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

05-0573-570

05-0572-570

Approved Signatory

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Westmont, NJ 609-858-4800

Piscataway, NJ 908-981-0550

516-997-7251

Manhattan, NY 212-290-0052 Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, October 28, 1996

Ref Number: TX962616

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	: %	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WBS102401-GR	9) (6)	Brown Non-Fibrous Homogeneous	Teased	6% Chrysotile	2% (Glass	92%	Other
WBS102402-GR		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite			100%	Other
WBS102403-GR		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		100% Oth		
WBS102404-MA		Brown Non-Fibrous Homogeneous	Teased	2% Chrysotile			98%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

05-0572-570

Carlos D. Salinas Analyst 05-0573-570

Approved Signatory

W William William

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

609-858-4800

908-981-0550

Carle Place, NY 516-997-7251

212-290-0052

Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, 6A 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Friday, October 25, 1996

Ref Number: TX962556

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBA102101MA	(b) (6)	10/21/96	2588.10	12.0	100	0.0010	15.29	0.0023
WBA102102MA		10/21/96	2589.80	10.0	100	0.0010	12.74	0.0019
WBA102103MA		10/21/96	2596.70	12.0	100	0.0010	15.29	0.0023
WBA102104GR		10/21/96	3464.00	5.0	100	0.0008	6.37	<lod< td=""></lod<>
WBA102105GR		10/21/96	3233.50	14.5	100	0.0008	18.47	0.0022
WBA102106GR		10/21/96	3259.20	13.0	100	0.0008	16.56	0.0020

05-0572-572

05-0573-572

Signatory

Steven Duhon **Analyst**

> LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Houston.

Westmont, NJ 609-858-4800 Piscataway, NJ 908-981-0550 Carle Place, NY 516-997-7251 Manhattan, NY 212-290-0052 Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrua, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Friday, October 25, 1996

Ref Number: TX962577

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBA102201GR	(b) (6)	10/22/96	4379.00	10.0	100	0.0006	12.74	0.0011
WBA102202GR		10/22/96	4350.00	18.5	100	0.0006	23.57	0.0021
WBA102203GR		10/22/96	4352.90	21.5	100	0.0006	27.39	0.0024
WBA102204GR		10/22/96	4329.70	17.5	100	0.0006	22.29	0.0020

05-0572-572

05-0573-572

Steven Duhon Analyst pproved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Houston.

Westmont, NJ 609-858-4800 Piscataway, NJ 908-981-0550 Carle Place, NY 516-997-7251

Y Manhattan, NY 212-290-0052

Seattle, WA 203-233-9007

A

Ann Arbor, MI San Mateo, CA 313-668-6810 415-570-5401

CA Smyrns

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635 EME

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Thursday, October 31, 1996

Ref Number: TX962662

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

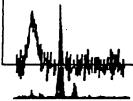
			SAMPLE	ASBE	STOS	•	NONASBESTOS			
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS	
WBS-1029- 01GR	\$ 572	Tan Non-Fibrous Homogeneous	Crushed	< 1% Chr	rysotile			1009	% Other	
WBS-1029- 02GR	#512	Tan Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotile			1009	% Other	
WBS-1029- 03GR	A573	Tan Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotile			100%	% Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst 05-0573-570

05-0572-570

Approved Signatory



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ (609) 858-1260 Piscataway, NJ (908) 981-0550 Carle Place, NY (516) 997-7251

Smyrna, GA (404) 333-6066

Houston, TX (713) 686-3635

Ann Arbor, MI (313) 668-6810 (415) 570-5401

San Mateo, CA

Thursday, October 31, 1996

Ecology & Environment, Inc. 11550 Newcastle Ave., #250 Baton Rouge, LA 70816

Project:

WESTBANK ASBESTOS

Attention:

Ms. Madalyn Ball

Ref Number:

TX962661

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%non-fibrous Material	TEM RESULTS* % ASBESTOS
WBS1029-01GR	SOIL	0%	100%	<1% v

10/29

Laboratory Supervisor

05-0572-573

ACCREDITATIONS: NVLAP #2106

^{*}Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

^{**}To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

/estmont, NJ 09) 858-1260 Piscataway, NJ (908) 981-0550 Carle Place, NY (516) 997-7251

Smyrma, GA (404) 333-6066 Houston, TX (713) 686-3635 Ann Arbor, Mi (313) 668-6810 San Mateo, CA (415) 570-5401



Friday, October 25, 1996

sology & Environment, Inc. 550 Newcastle Ave. #250 aton Rouge, LA 70816

roject:

020601 Westbank Asbestos

ttention: ef Number: Madalyn Ball TX962599

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

	SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS
314	WBS102303MA	Brown	0%	93%	1%-5%
314	WBS102304MA	Brown	0%	95%	1%-5%
7.5	WBS102305MA	Brown	0%	93%	1%-5%
ا 3 د	WBS102307GR	Brown	0%	88%	Trace <1% ~

0 2 3

Analyst

Laboratory Supervisor

05-0572-573

^{*}Results near 1% are not reliable by this method and a more accurate TEM method is recommended.
**To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

Westmont, NJ 509) 858-1260

Piscataway, NJ (908) 981-0550 Carle Place, NY (516) 997-7251

Smyrma, GA (404) 333-6066

Houston, TX (713) 686-3635

Ann Arbor, Mi (313) 668-6810 (415) 570-5401



Friday, October 25, 1996

Ecology & Environment, Inc. 1550 Newcastle Ave. #250 Baton Rouge, LA 70816

'roject:

020601 Westbank Asbestos

\ttention:

Madalyn Ball

Ref Number:

TX962599

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

	SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS
314	WBS102303MA	Brown	0%	93%	1%-5%
314	WBS102304MA	Brown	0%	95%	1%-5% *
505	WBS102305MA	Brown	0%	93%	1%-5% *
233	WBS102307GR	Brown	0%	88%	Trace <1%

aboratory Supervisor

CREDITATIONS: NVLAP #2106

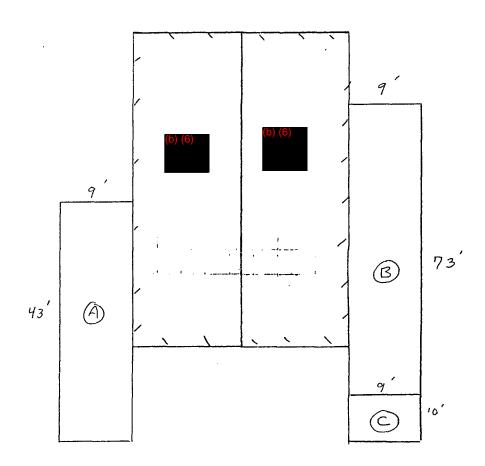
05-0573-573

^{*}Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

^{**}To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.



Ву	. Date	Subject	Site	572	_ Sheet No	of
Chkd. By	Date				_ Proi No	



NOTIFICATION OF	DEMOLITION AND RE	NOVATION Source =	FORM FO	MAAC-2 REV	5/12/95		
3 3	<i>99</i> 40	00400					
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELE	D.		
II. FACILITY INFORMATION		Contact: John	1 Martin	·			
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270				
Mailing Address: 1445 Ross Ave							
City: Dallas		State: TX		Zip: 75202			
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	_iscense #: 26445	DEQ ID #: 7S0000)8 		
Address: 113 Ondine Lane							
City: Slidell		State: LA		Zip: 70456			
Contact: Gerald Avery		Telephone: 5	04-646-0039		•		
OTHER OPERATOR:		DEQ Project	Designer #:				
Address:							
City:		State:		Zip:			
Contact:		Telephone:					
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency	Reno		
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996			
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	ccreditation #:	6I 068			
V. FACILITY DESCRIPTION (I	nclude building name, num	ber, and floor o	room number)			
Building/Component Name: Home - Du	iplex (#572 & #573)	Fire Marshall	Project #:				
Street Address: (b) (6)					-		
City: Gretna	State: LA	Zip: 70053		Parish: Jeffers	on		
Site Location: Both sids of duplex in yar	rd	Telephone: N	ÍΑ		.		
Building Size: NA	# of Floors: NA	Age in Years	: NA				
Present Use: NA		Prior Use: NA	A				
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sample	ALYTICAL METHOD IF ng - EPA Method 600/R-93	APPROPRIAT 3/116	E, USED TO I	DETECT THE	PRESENCE OF		
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit Measurement Below			
		Cat I	Cat II	UNIT			
Pipes				Ln Ft:	Ln m:		
Surface Area				Sq Ft:	Sq m:		
Vol RACM off Facility Component				Cu Ft:	Cu yds: 21		
VIII. SCHEDULED DATES ASBESTOS REM	IOVAL (MM/DD/YY)	Start:		Complete:			
IX. SCHEDULED DATES DEMO/RENOVA	ATION (MM/DD/YY)	Start:		Complete:			

X. DESCRIPTION OF PLANNED DEMOLITION OF Excavation of residential properties utilizing standard control of the standard contro	OR RENOVATION WORK AND Monstruction techniques.	ETHOD(s) TO BE USED:
XI. DESCRIPTION OF WORK PRACTICES AND E OF ASBESTOS AT THE DEMOLITION AND RENO Crew will excavate ACM using wet methods and no visit will be conducted.	VATION SITE:	
XII. WASTE TRANSPORTER #1		
Name: Quality Contractors # 3 Ucuglan Contractors	Contact Person: Jerry A	very F3 H.P. Voughan
Address: 113 Ondine Lane *3 625 Day	Jie Cty Ave	
City: Slidell "3 Bridge (ity State: LA	Zip: 70458 *3 γ c	Telephone#: 504-646-0039
WASTE TRANSPORTER #2		
Name: BJS Equipment Co, In.	Contact Person: 3.11	, Ry.ls
Address: 1713 Winhester Place		
City:) State: A	Zip: つじょかき	Telephone #: 507-375-209(
XIII. WASTE DISPOSAL SITE:		
Name: Jefferson Garich Constill	(Kelvin Land (11)	
Location: 5800 Avandale 90 We	5+	
City: Ausnitale State: LA	Zip: つきらかり	Telephone: Juyuy 3 6 - C24 7
XIV. IF DEMOLITION ORDERED BY A GOVERNM	MENT AGENCY, PLEASE IDENTI	FY THE AGENCY:
Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (M	M/DD/YY)
XV. FOR EMERGENCY RENOVATIONS		
Date and hour of emergency (MM/DD/YY):		
Description of the Sudden, Unexpected Event:		
Explanation of how the event caused unsafe conditions or	would cause equipment damage (or	an unreasonable financial burden):
XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN T NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMB		
Crew will use wet methods to control any visible emission	ns.	
XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PRO SUBPART M) WILL BE ON-SITE DURING THE DEMOLIT ACCOMPLISHED BY THIS PERSON WILL BE AVAILABL	OVISIONS OF THIS REGULATION (LAC 3 FION OR RENOVATION AND EVIDENCE LE FOR INSPECTION DIFRING NORMAL I	BUSINESS HOURS.
XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRI	ECT. Spinsture of Owner/Operator/Contra	hi 10-3-96 (Date)

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

05-0572-550 05-0573-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		<u></u>
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		
SKETCH OR COMMENTS:		
No Root		

TEAM MEMBERS:

MTL/PLL

05-0572-540

005019

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28-/98- SITE#: 573		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		-	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		:	
SKETCH OR COMMENTS:			
Wo Rom			
TEAM MEMB	ers: WTL/)LV	05-0573-540

905620

FIELD DATA SHEET 1

Site Information:				
Occupant (b) (6)		Interviewee:	(b) (6)	
Address:	Statma,	LA -	0053 ((6)
Phone No				
Owner Name Address and Phone No. if E	Different Than Occupar	it:		
	le home; (uplex:)	business; sch	nool; daycare;	church;
Problems accessing yards (circle): loc resolution:	ked gate; gate; do	ogs; other <u>f</u>	6	
3) Underground utilities installed by owner septic tank; other Note location on site sketch.		ter; gas; e	lectric; cable T	V;
4) Is any underground ACM present? (circle If yes, note on site sketch. How deep? _		t know		
Site Sketch: (b) (6)	Paro La Paro L	aco to	12 to Col	NORTH
ACM Q'XIO	(b) (6)	Adri)		
Estimated Volume of ACM:	=	^	bt ×	_depth(bt)
Comments: dist				
Date/Time of Interview: 9/24/94	1612 hours	Access Gran	ted (circle): (yes	
Team Members: 200 dagui	1 Kin Pholas	(A.Il	7 hebodon	× /
005021	05-0574-5	10	05-0575-	-510 v

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	0	
Property's Address:	Tretra	
State/Zip: <u>LA 70053</u>	Phone Number(s): (b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/10/96 DATE (b) (6) SIĠN'ATURE

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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Westmont, NJ 609-858-4800 Piscataway, NJ 908-981-0550 Carle Place, NY 516-997-7251 Manhattan, NY 212-290-0052 Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, 6A 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635 EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, October 28, 1996

Ref Number: TX962616

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	<u>NONASI</u> % FIBROUS	BESTOS % NONFIBROUS
WBS102401-GR) (6)	Brown Non-Fibrous Homogeneous	Teased	6% Chrysotile	2% Glass	92% Other
WBS102402-GR		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite		100% Other
WBS102403-GR		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		100% Other
WBS102404-MA		Brown Non-Fibrous Homogeneous	Teased	2% Chrysotile		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas

Analyst

05-0575-570

05-0574-570

Approved Signatory

WHI HARMAN

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

WESTBANK ASBESTOS ABATEMENT

RESTORATION FORM

SITE# 674 II 844 ANEA, W

	DATE	DATE	DATE	DATE	IOLA	,	,
					EST.	ACTUAL	ACT.
ſ					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)		#				-	
4" Concrete Installation (sq. yds.)							
Sand installation (sq.yds.)						<u> </u>	
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)			·				
Sand (cu.yds.)			 				
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							-
Topsoil (cu.yds.)							
EXTRA						\$ 125.00	

Site Sketch on Back of Page

SUB 2 SIGNATURE	005025 05-0574-590 05-0575-590
SUB 1 SIGNATURE	Dutt & Branch & 10/18/97
IT REPRESENTATIVE SIGNATURE	Jane Marie 10-18-97
WALKWAY (SEE ATTACHÉ!) APPROVED BY JIM MONTEGUT USACE
A CONCRETE WALKWAY AND	INSTALLING PLASTIC PRAIN BOX IN THIS
COMMENTS: EXTRA 15 FO	R REMOVAL AND REPLACEMENT OF PART OF.

# of ADVF's Requested 1	DEMOLITION AND BE Parish # 2240	Source #	FORM FOI	ADVF #	5/12/95		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELI	ED ED		
II. FACILITY INFORMATION		Contact: Joh	n Martin		· · · · · · · · · · · · · · · · · · ·		
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270				
Mailing Address: 1445 Ross Ave							
City: Dallas		State: TX		Zip: 75202			
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 78000	08		
Address: 113 Ondine Lane							
City: Slidell		State: LA		Zip: 70456	_		
Contact: Gerald Avery		Telephone: 5	504-646-0039				
OTHER OPERATOR:		DEQ Project	t Designer #:				
Address:							
City:		State:		Zip:			
Contact:		Telephone:					
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergenc	y Reno		
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996			
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:				
V. FACILITY DESCRIPTION (nclude building name, num	ber, and floor o	r room number)			
Building/Component Name: Home (# 5	74 and 575 - Duplex)	Fire Marshal	l Project #:				
Street Address: (b) (6)							
City: Gretna	State: LA	Zip: 70053		Parish: Jeffer	son		
Site Location: In front yard of duplex		Telephone: N	NA				
Building Size: NA	# of Floors: NA	Age in Years	s: NA				
Present Use: NA		Prior Use: N.	Α		,		
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sample	ALYTICAL METHOD IF ng - EPA Method 600/R-93	APPROPRIAT	TE, USED TO I	DETECT THE			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit Below	Measurement		
		Cat I	Cat II	UNIT			
Pipes				Ln Ft:	Ln m:		
Surface Area				Sq Ft:	Sq m:		
Vol RACM off Facility Component				Cu Ft:	Cu yds: 5		
VIII. SCHEDULED DATES ASBESTOS REM	IOVAL (MM/DD/YY)	Start:		Complete:			
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:		Complete	<u> </u>		

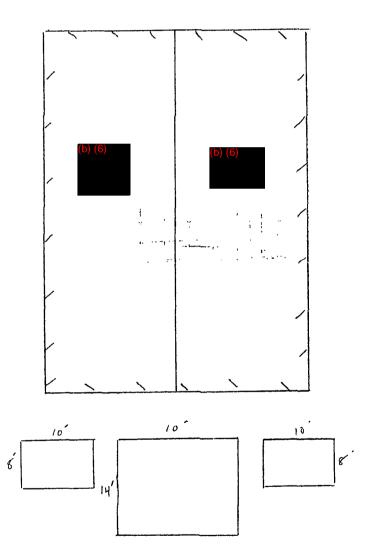
NOTIFICATION OF DEMOLITION A	ND RENOVATION FORM (co	ntinued)
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOV Excavation of residential properties utilizing standard construction t	VATION WORK AND METHOD echniques.	(s) TO BE USED:
XI. DESCRIPTION OF WORK PRACTICES AND ENGINEER OF ASBESTOS AT THE DEMOLITION AND RENOVATION SCrew will excavate ACM using wet methods and no visible emissio will be conducted.	SITE:	
XII. WASTE TRANSPORTER #1		
Name: Quality Contractors #3 Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane #3 685 Bridge City	we	
City: Slidell Bridge City State: LA	Zip: 70458 **3 70094	Telephones: 504-646-0039 \$3(504) 436-77777
WASTE TRANSPORTER #2		
Name: BAS Equipment Co Inc	Contact Person: Billy Ru	rals
Address: 1713 Winchester Place		1
City: Harvey State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SITE:		
Name: Jefferson Parish Landfill	(Kelvin Landfill))
Location: 5800 Avondale 90 Wes	/	
City: Aundale State: LA	Zip: 70094	Telephone: (504) 436-0244
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGE	ENCY, PLEASE IDENTIFY THE	AGENCY:
Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/	YY)
XV. FOR EMERGENCY RENOVATIONS		
Date and hour of emergency (MM/DD/YY):		
Description of the Sudden, Unexpected Event:		
Explanation of how the event caused unsafe conditions or would cau	se equipment damage (or an unrea	sonable financial burden):
XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVE	THAT UNEXPECTED ASBESTOS IS FOR	UND OR PREVIOUSLY
Crew will used wet methods to control any visible emissions.		·:
XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS O SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSP	F THIS REGULATION (LAC 33:III. Char NOVATION AND EVIDENCE THAT TH ECTION DURING NORMAL DUSINESS (Sepalure of Owners Operators Contractor)	ter 27, Appendix A / 40 CFR PART 61, E REQUIRED TRAINING HAS BEEN S HOURS.
XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.	Semanure of Owner/Operatory Contractory	10-3-96

PURSUANT TO R.S. 40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895



Зу	Date	. Subject	Site	574	 Sheet No	of
Chid Du	Data				 Proj. No.	



05-0574-590

005028

05-0575-590



CITY OF WESTWEGO

ROBERT E. BILLIOT MAYOR

OFFICE OF THE MAYOR

(504) 347-5745

September 22, 1997

United States Environmental Protection Agency 2150 Westbank Expressway Rear Trailer/Behind State Office Bldg. Harvey, LA 70058

Dear Sir.

Would you please inspect the property at ^(b) (6).

It is my understanding that a drain on her property has been covered with concrete after the asbestos removal.

Please make every effort to correct this situation. I look forward to receiving your full cooperation. With best regards, I am

Sincerely,

Robert **E**. Billiot

Mayor

REB/srh

cc:

b) (6)

10/06/97

RC IMFORMED THE MAYOR BY PHONE THAT THE SITUATION HAD BIZEN RESOLVED TO (D)(6)

Site \$ 674 II

05-0574-600

05-0575-600

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>6/28/98</u> SITE #: <u>5</u> 74		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		<u>-</u>
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		_
SKETCH OR COMMENTS:		
Nakur		
TEAM MEI	MBERS: Mアレ	1066

n05030

05-0574-540

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE #: 575		ADDRESS: Oretra
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		
No Acm		

TEAM MEMBERS:

MTL/PLL

05-0575-540

005031

Tracking Number	576
0	

05-0576-510

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee: (b) (6)
Address: Snenta, LA 70053
Phone No!:
Owner Name Address and Phone No. if Different Than Occupant: / Will be out-of-town Thur & Fuday.
Site Description:
Description of property (circle): single home duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): ocked gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; otherNote location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: Call owner about replacing composit in back yard. maybe replace w! Borgo of composit? Find out Specifics
Estimated Volume of ACM: (33 x26) (12x8)
Comments: Please call (6) (6) prior to revove I limestore W/ e to make appointment. Call (6) (6) ~ 6:00 ldging 2/14/97 0842h-1 - STANT Call downer-removed to begin tomorrow - he gapered - trav
Date/Time of Interview: 16:40 9/24/94 Access Granted (circle) yes: no
Team Members: Phodes Shibodeaux
2/15/87 10/8hrs - START Callell about not going to his site today and probably be then

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (6)		
Property's Address:	Jack	na,	
	_Phone Number(s):	<u>, </u>	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination,
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

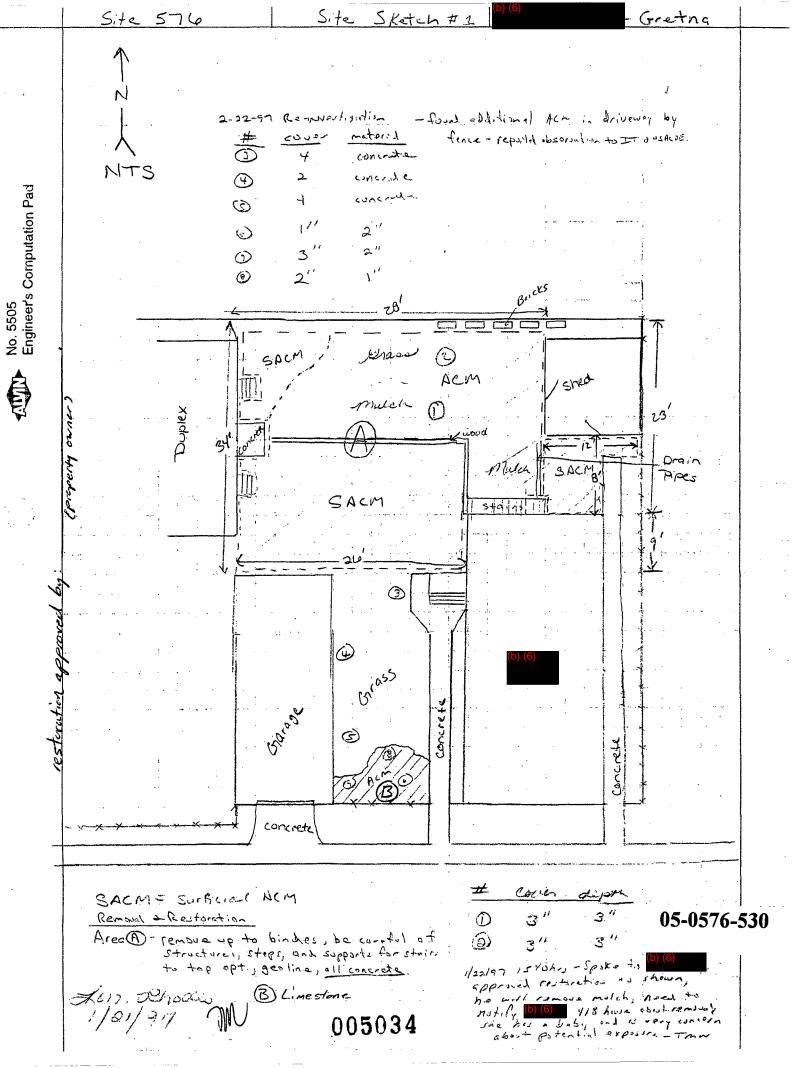
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

(b) (6)

/0·7·96 DATE

SIGNATURE



Gratna Site 576 Site Sketch #2 $^{\mathcal{E}_{\mathcal{E}_{\varkappa}}}$ Removel and Restoration: - remove loinches, geolina, concrete Approved by owner David maise 2/13/97 Duplex 78' Troy m. Nequin 2/13/97 05-0576-530 Cratna 005035

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	:											•	·	
							•	1 (6)	• •			•		
SITE#	576	· .			. 1	ADDRE	SS:	,, (0)						
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Feetmont XI 608-85\$-4900

Placataway, MJ 906-941-065**0**

Carlo Plane, MY 516-887-7861

Manhattan W 217-200-0062

7136863645

Sentile, WA 208-823-9007 Ann Arbor, Mi 313-088-6810

San Matoo. CA 415-570-5401

Seryrca, SA 404-333-4005

10-297 1487

ROLLIGH, TA 713-685-3625

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, March 12, 1997

Ref Number: TX97754

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBES	TYPE	%	<u>nonasbes</u> Fibrous	%	NONFIBROUS
WBS576G03	(b) (6)	Brown	Teased	50% Chry	/soti le			50%	6 Other
		: Fibrous Homogeneous							
WBS576G04		.Вгоwп	Teased	40% Chr	ysotlie			60%	6 Other
		Fibrous : Hamageneous							
WBS402G01		Brown	Teased	2% Chr	ysotil e			989	% Other
		Fibrous Homogeneous							
WB\$402G02		Brown	Teased	: Nor	na Detected			100	% Other
		Fibrous Homogeneous							
WB\$391G01		Brown	Teased	. 2% Chi	ryaotile			98	% Other
		Fibrous Homogeneous							
WBS391G02		Brown	Teased	< 1% Ch	rysotile			100	% Other
		Fibrous Homogénéous							

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr **Analyst**

Approved Signatory

Disclaimers PI M has been known to miss esbestos in a small percentage of samples which contest esbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to cleim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Leboratory is not responsible for the accuracy of results when requisited to physically separate and sinsiyate layered samples.

05-0576-570

erment, NJ Processway, NS Carle Pines, NT Manhatten, NT Sentita, WA Ann Afbor, NJ San Mates, CA Sanyvan, CA Groundborn, NC Measures, TX
12-250-555; 213-253-25007 213-253-2510 415-570-5401 404-233-2008 910-237-1457 713-466-3535

EMSL v 18. 1997

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, February 18, 1997

Ref Number: TX97436

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE		٠	NONASB	ESTOS %	NONFIBROUS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	76	NONFIBROUS
	576 WALKWAY	Grey	Teased	55% Chr	ysotlie	į		45%	Other
STO Wall	e: chips of kway i pected to be	Fibrous Homogeneous ACH				i.			
WBS276GO2	(b) (6)	Tan	Teased	< 1% Chr	ysotile	1		100%	Other
		Non-Fibrous		•	•				
<u>.</u>		Homogeneous		;		;			•
l.	<u>.</u> .					:			
W85582GO1		Tan	Teased	2% Chr	ysotile			98%	Other
!		Non-Fibrous		< 1% Cro	cidolite	•			٠
i ·		, Homogeneous	•						
•••			n h						
WBS583GO1		Tan	Teased	2% Chr	ysotile		••	98%	Other
1 1		Non-Fibrous		< 1% Cro	cidolite	:			
!		Homogeneous		i :		1	•		
1 r		l	1	.i 		i.			
WBS583GQ2		Tan	Teased	2% Chr	-			98%	Other
!		Non-Fibrous		< 1% Cro	cidolite				
		Homogeneous				:			
Figures 0.5	un 1			al Terretori					
WBS583GO3		Tan	Teased	2% Chr	•	İ	•	98%	Other
!		Non-Fibrous		< 1% Cro	cidolita				•
!		Homogeneous				;			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas
Analyst

Approved Signatory

Disclaimers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. This negative PLM results cannot be guaranteed, Floor titles and whose should be tested with either SEM or TEM. The above test report relates only to the Items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the dismit to claim product endorsement by NVLAP nor any agency of the United Sistes Government. All "NVLAP" reports with NVLAP logo must contain at test one signature to be valid. Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

_____ 05-0576-570

A HAMMAN

MARCHA III PLICERATA, S

Placetaway, SJ Carlo Pines House Labor Sid-207-77 Markette, YY

Sential WA ESS-\$35-\$617 un Arbent, Mr. – State Mit 12. august 165 – 415-55 \$6,323.686 464.323.6866 \$10-257-1477

7)3-466-8001

EMSL 97

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, February 24, 1997

Ref Number: TX97541

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020501 WESTBANK ASBESTOS

Sample	LOCATION	APPEARANCE	Sample Treatment	ASSESTOS % TYPE	%	NONARRESTOS FIBROUS % NONFIBROUS
WBS60BG03A	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	3% Chrysottle		97% Other
WB3576G01		Grey Fibrous Homogeneous	Teased	12% Chryaotile		88% Other
WB8576G02		Tan Fibrous Homogeneous	Teased	15% Chrysotile		65% Other
WB6281G01	-	Ten Non-Fibrous Homogeneous	Teased	< 1% Chrysottle		100% Other
;WB8281G02		Tan Non-Fibrous Hornogeneous	Teased	2% Chrysotile		98% Other
'WB\$261G03		Tan Non-Fibrous Homogeneous	Tessed	2% Chrysottin		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for tayered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas
Analyst

Approved Signatory

05-0576-570



Disclaimers: PLM has been known to mise estector in a small percentage of samples which dortain asbestos. Thus negeti guarantised. Place ties and wipes should be tested with either 8EM or TEM. The above lest report relates only to the items only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim product an not any agency of the United States Government. All "NVLAP" reports with NVLAP togo must contain at least one signature is not responsible for the accuracy of results when requested to physically separate and analyze layered semples.

Westmoon, NJ Piscalaway, NJ Carle Place, NY Manhattan, NY Seattle, WA Ann Arber, Mi San Mates, CA Smyrms, &A Greensbore, NC Houston, TX 908-868-4980 908-951-2559 518-987-7251 212-296-9052 203-223-9007 213-888-6810 415-874-5401 404-223-6068 910-297-1487 713-688-3825

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, February 25, 1997

Ref Number: TX97513

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sumple	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm¹	flhers/cc
SWA576P1A	(b) (6)	2/19/97	4219.00	6.5	100	0.0006	8.28	0.0008
SWA576P4A		2/19/97	4338.00	5.0	100	0.0008	6.37	<lod< td=""></lod<>
SWA57611A		2/19/97	4455.00	4.5	100	0.0006	5.73	<lod< td=""></lod<>
WBA576BL	. 1	2/19/97	0,00	0.0	100	•	. 0	·
WBA576P1B		2/19/97	: 1735,00 	2.0	100	0.0016	2.55	<lod< td=""></lod<>
WBA576P14B		2/19/97	1661.00	5.5	100	0.0016	7.01	<lod< td=""></lod<>
		i	ı	l				

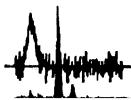
Steven Duhon Analyst

Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/rmm* and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.

Analysis participated by EMSL of Houston.

05-0576-572





By PM Date 2-21-97 Subject RESTORATION SIFE # 576 Sheet No. of Chkd. By____ Date. 11.50 CONC 50 40 TO BE SUBMIT PRICE FOR HIGHLIGHTED AREA 05-0576-590 REMOVAL & RESTORATION AS AN EXTRA ALSO CHAINWALL AT WALKWAY 10000 005041

of ADVF's Requested 1	Parish # 2240	Source #	ORM FO	RM AAC-2 REV 5 ADVF #	/12/95				
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)				
II. FACILITY INFORMATION		Contact: John	Martin						
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270						
Mailing Address: 1445 Ross Ave									
City: Dallas		State: TX		Zip: 75202					
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's I	iscense #: 26445	DEQ ID #: 7S00008					
Address: 113 Ondine Lane									
City: Slidell		State: LA		Zip: 70456					
Contact: Gerald Avery		Telephone: 5	04-646-0039						
OTHER OPERATOR:		DEQ Project	Designer #:						
Address:									
City:		State:	-	Zip:					
Contact:		Telephone:							
III. TYPE OF OPERATION (CIR	CLE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno				
IV. IS ASBESTOS PRESENT? (C	IRCLE ONE) YES NO	Inspection Da	ite: Jan Apr.	1996					
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 6 I 0 6 8 5							
V. FACILITY DESCRIPTION (Include building name, numb	ber, and floor or room number)							
Building/Component Name: Home (# 5	576)	Fire Marshall Project #:							
Street Address: (b) (6)									
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson					
Site Location: Behind garage in back ya	ard	Telephone: N	A						
Building Size: NA	# of Floors: NA	Age in Years: NA							
Present Use: NA		Prior Use: NA							
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampl	ALYTICAL METHOD IF ing - EPA Method 600/R-93	APPROPRIAT	E, USED TO I	DETECT THE PI	RESENCE OF				
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable As Material Not Removed		Indicate Unit Measurem Below					
		Cat I	Cat II	UNIT					
Pipes				Ln Ft:	Ln m:				
Surface Area				Sq Ft:	Sq m:				
	1								
Vol RACM off Facility Component				Cu Ft:	Cu yds: 7.5				
VIII. SCHEDULED DATES ASBESTOS REM	MOVAL (MM/DD/YY)	Start:		Cu Ft: Complete:	Cu yds: 7.5				

NOTIF	ICATION OF DEMOLITION A	ND RENOVATION FORM (co	ntinued)							
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.										
OF ASBESTOS AT THE DEMO	OLITION AND RENOVATION S	UNG CONTROLS TO BE USED SITE: ns for engineering control. Ambie								
XII. WASTE TRANSPORTER										
Name: Quality Contractors	3 Vauchen Contractors	Contact Person: Jerry Avery	H.P. Veuskan							
Address: 113 Ondine Lane	3 635 Br. Jg (117	A/L								
City: Slidell "Balse City	State: LA	Zip: 70458 * 7 7 2 5 4 4	Telephone#: 504-646-0039 Sセイ・ザラットアプラ							
WASTE TRANSPORTER	#2									
Name: Bas Equan	int Co . Inc.	Contact Person: Billy R	y . 1 .							
Address: 1713 Winch										
City: Hursey	State: LA	Zip: つここら	Telephone #: Sing _ 3 yo - 2011							
XIII. WASTE DISPOSAL SITE	<u>:</u>									
Name: Jestania Pa	and Landfill (kelvi	~ Laddill								
Location: _=306 Av.le	16 90 West		·							
City: A.J.J.L.	State: 2 /A	Zip: posy	Telephone:							
XIV. IF DEMOLITION ORDER	RED BY A GOVERNMENT AGE	ENCY, PLEASE IDENTIFY THE	AGENCY:							
Name:		Title:	Authority:							
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD/	YY)							
XV. FOR EMERGENCY REN	OVATIONS									
Date and hour of emergency (MN	M/DD/YY):									
Description of the Sudden, Unexp	pected Event:									
Explanation of how the event cause	sed unsafe conditions or would cau	se equipment damage (or an unrea	sonable financial burden):							
XVI. DESCRIPTION OF PROCEDURE NONFRIABLE ASBESTOS MAT	ES TO BE FOLLOWED IN THE EVENT ERIAL BECOMES CRUMBLED, PULVE	THAT UNEXPECTED ASBESTOS IS FO	OUND OR PREVIOUSLY							
Crew will used wet methods to co										
SUBPART M) WILL BE ON-SIT	E DURING THE DEMOLITION OR RE	F THIS REGULATION (LAC 33:III. Char NO VATION AND EVIDENCE THAT THE ECVICATION OUT INC. NO PARTY OF THE (Signature of Owner Operator Contractor)	IE REQUIRED TRAINING HAS BEEN							
XVIII. I CERTIFY THAT THE ABOVE	INFORMATION IS CORRECT.	John Wartin	10-3-96							

(Signifie of Owner/Operator/Contractor)

(Date)

PURSUANT TO R.S. 40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/48 SITE #: 576	ADDRESS: (5re+na
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	2%
SKETCH OR COMMENTS:	
House of Acm	Small chunks Hem under vight side of house
(0)	1

05-0576-540

TEAM MEMBERS:

Tracking Number <u>577</u>

11-18 NO one home; 3M/AR

FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: (b) (6)
Phone No.
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
Description of property (circle): single home duplex; business; school; daycare; church; vacant house; vacant lot; other
Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): ho water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; (no;) don't know If yes, note on site sketch. How deep?
Site Sketch: HOUSE CARPORT HOUSE CARPORT XMM COM 2:2450 XMM Estimated Notice of ACM: 3.00
Comments: 11-19, apoke w/ son, said forher was not home; Im/AR 1627 Backfill: limestone w/ edging
Date/Time of Interview: 1/-19 17:43 Access Granted (circle): (yes;) no
Team Members: JM/AR

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (b)		
Property's Address:		, GRETHA	
State/Zip: LA, 70053	Phone Number(s):	(b) (6)	

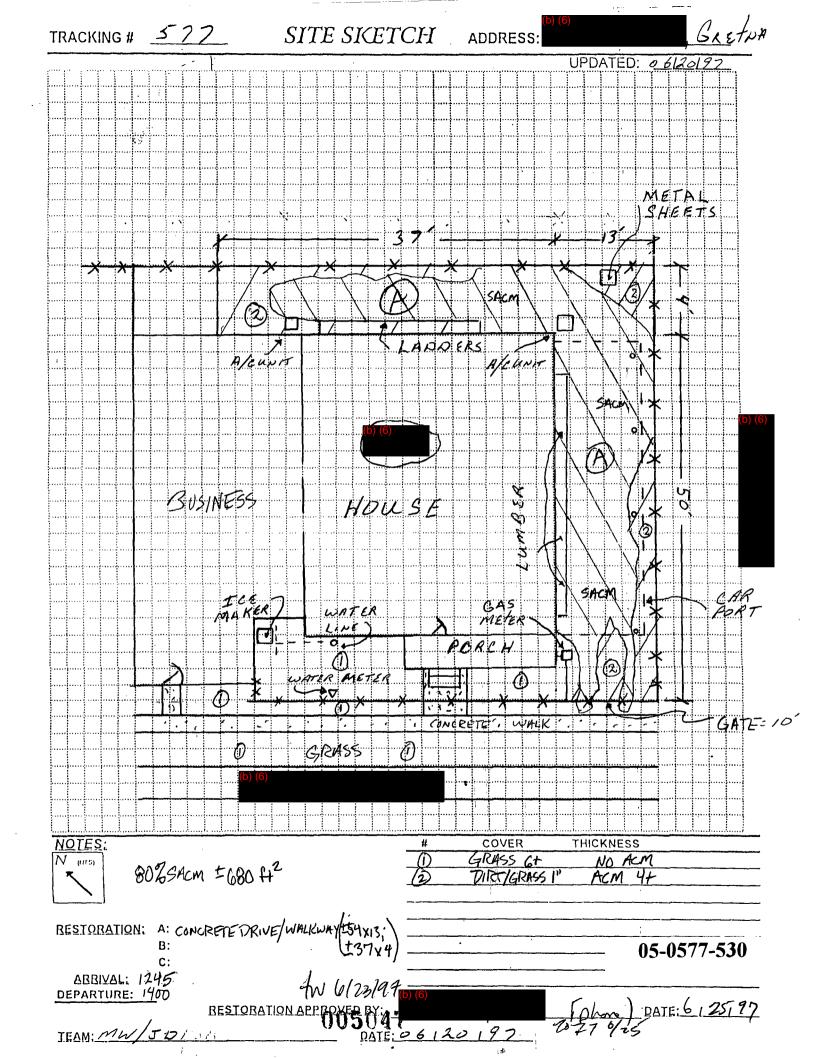
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-19-96 DATE



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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\mathcal{U}_{1}	NBS	57	76	DI	6	7"	Co	na	ete	dri	vew	ay						(ind	u f	رم ازی	nid)	L2*	Soil						
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AUTHORIZED EPAISTART REPRESENTATIVE Maggie In

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Maggie Lin

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Thursday, July 24, 1997

Ref Number: IN97558

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASSESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TR EATMENT	ASBESTOS % TYPE	*	<u>Nonasbe</u> Fibrous	ESTOS % NONFIBR	200S
WBS577G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crockdolite			80% Quartz 20% Other	; ;
W88577G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		- Company C.C.	80% Quartz 20% Other	1
WB8413G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other	_}
WB\$413G02		Brown Non-Fibrous Homogensous	Crushed			,	80% Quartz 20% Other	-1

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasliewski **Analyst**

Approved Signatory

Discrement PLM resides in the miss aspector in a arrest percentage of samples which contain aspector. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either 8EM or TEM. The above test report relates only to the items tested. The report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the excursory of results when requested to physically separate and enelyze layered samples.

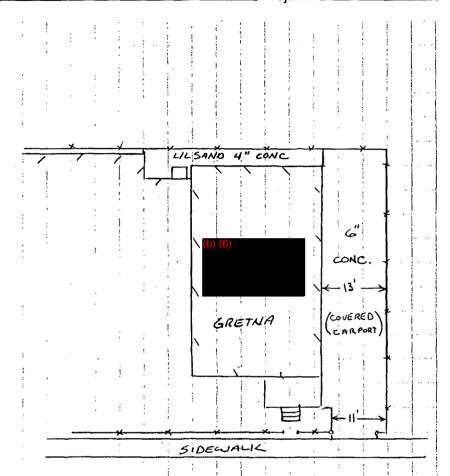
Analysis usrformed by EMSL of Indianapolis (NVLAP Air and Bulk 2000188-0).

2

05-0577-570







05-0577-590

WESTBANK ASBESTOS ABATEMENT

SUB 1 SIGNATURE

SUB 2 SIGNATURE

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05-0577-590

SITE# 577

	DATE	DATE	DATE	DATE			
-					EST.	ACTUAL	ACT.
Γ					QTY.	QTY.	COMP
Rock Installation (sq.yds.)							
od Installation (sq.yds.)							
" Concrete Installation (sq. yds.)					75, ⁵⁰		
" Concrete Installation (sq. yds.)					15,∞		
Sand Installation (sq.yds.)							
ower Lift Sand					15.⁰⁰		-
Rock, Brown (cu.yds.)					**************************************		
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					1.50		
Concrete (cu.yds.)					14,50		<u> </u>
Plastic Edging (ft.)							
Valkway Rock Inst. (sq.yds.)							<u> </u>
opsoil (cu.yds.)							ļ
EXTRA							
	Site Ske	tch on B	ack of P				
COMMENTS:						·	
	·····						
				 			

1105151

# of ADVF's Requested 1	Parish # 1340	Source#	EO/N/VI EO/	ADVF#	11.2195
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAI)	REVISED	CANCELED)
II. FACILITY INFORMATION		Contact: John	n Martin		
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270		
Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's l	Liscense #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane					
City: Slidell		State: LA	·	Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:					
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	LE ONE) (Demo)	Ordered Demo	Renovation	Emergency F	Reno
IV. IS ASBESTOS PRESENT? (CI	ACLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996	
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:	610685	
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		
Building/Component Name: Home (#5	77)	Fire Marshal	l Project #:		-
Street Address: (b) (6)					
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n
Site Location: On side of house		Telephone: N	IA		
Building Size: NA	# of Floors: NA	Age in Years	: NA		
Present Use: NA		Prior Use: N	A		
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1) Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement
		Cat I	Cat II	UNIT	
Pipes		,	f.,	Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component		- 	110	Cu Ft:	Cu yds: 4
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	196	Complete: /2/	21/96
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	1/96	Complete:	2/21/96

X. DESCRIPTION OF PLA Excavation of residential proper	ANNED DEMOLITION OR REN	NOVATION WORK AND METH on techniques.	IOD(s) TO BE USED:
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: ssions for engineering control. A	
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	¹³ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	** 685 Bridge City Avenue		
City: Slidell ¹³ Bridge City	State: LA	Zip: 70458 ** 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	.R #2		
Name: B & S Equipment Co., I	inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfil	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDE	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	HE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	V/YY)
XV. FOR EMERGENCY REN	NOVATIONS		
Date and hour of emergency (M	M/DD/YY):		
Description of the Sudden, Unex	xpected Event:		
Explanation of how the event car	used unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS I		NT THAT UNEXPECTED ASBESTOS IS PULVERIZED, OR REDUCED TO POV	S FOUND OR PREVIOUSLY WDER.
XVII. I CERTIFY THAT AN INDIVIE 61, SUBPART M) WILL BE	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION	S OF THIS REGULATION (LAC 33:III. N OR RENOVATION AND EVIDENCE ABLE FOR INSPECTION DURING NO	Chapter 27, Appendix A / 40 CFR PAR THAT THE REQUIRED TRAINING DRMAL BUSINESS HOURS.
•		(Signature of Owner/Opera	ator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	'E INFORMATION IS CORRECT.	Jush itto	Ja 10-12-96
		(Signature of Owner/Opera	ator/Contractor)

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8/31/98</u> SITE #: <u>577</u>		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:	_//2	···	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
Mallo		aron	inting lebris
Mannan Julia			
Ja.	*******		

05-0577-540

TEAM MEMBERS:

10/23/96 access mailed to owner 11/14 access mailed to owner (correct address)

12/11 ACCESS SIGNED/RETURNED to Dallas

Tracking Number 278

FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee:
Address:	notina, LA, 70053
Phone No.:	
Owner Name Address and Phone No. if Different Tha	n Occupant: (b) (6)
Site Description:	
1) Description of property (circle): single home vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other NO
3) Underground utilities installed by owner? (circle): (septic tank; other	no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	no; don't know
Site Sketch: (b) (6) (b) (6) Estimated Volume of ACM: Comments: CSUSNED Limestone	Acm 8× 10'
Date/Time of Interview:	Access Granted (circle): yes; no
Team Members:	mailed 12/17

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	D) (O)		
Property's Address: 60 (6)		Gretna	
State/Zip:	_Phone Number(s):	(b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

7)/96 DATE

SIGNATURE

my maileng address is

05-0578-520



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WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			
SITE#	578	ADDRESS: (b) (6)	
		GROTHA, La.	

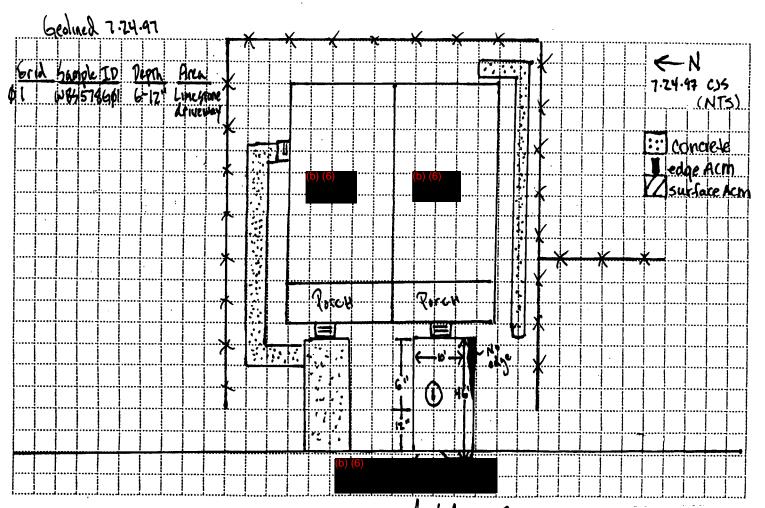
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical As & 7-24-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



SENTATIVE 005058

05-0578-560

AUTHORIZED EPA/START REPRESENTATIVE

6330 East 75th Street, Suite 132 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Maggle Lin **Ecology & Environmental**

11550 New Castle Avenue Baton Rouge, LA 70816

Monday, July 28, 1997

Ref Number: IN97612



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

			Sample	ASBESTOS		NONASBES		
Sample	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WB\$1030G01	(b) (6)	Brown	Crushed	1 < 1% Chrysotile	1		80%	Quartz
!		Non-Fibrous Homogeneous	}	< 1% Crookdalite			20%	Other
WB\$414G01		Brown	Crushed	i < 1% Chrysotile	•		80%	Quertz
		Non-Fibrous Homogeneous		< 1% Craaldolite			20%	Other
WB8414G02		Brown	Crushed	< 1% Crecidolite			80%	Quertz
		Non-Fibrous	Cidenad	STORES AND STORES	j			Other
İ		Нотоделеона	; }					
WBS396G01	· -	Brown	Crushed	< 1% Chrysotile		•	80%	- Quartz
1		Non-Fibrous	i				20%	Other
		¡Hornogeneous						
WB\$578G01		Brown	.Crushed	< 1% Chrysotile			80%	Quartz
1		Non-Fibrous		1			20%	Other
į		: Homogeneous	i	!	1			i
\				j	4			
WB\$801G01		Brown	Crushed	< 1% Chrysotile	!			Quartz
:		Non-Fibrous	į	:			20%	Other
		Homogeneous	!		İ			

Comments: For all obviously haterogeneous samples easily separated into subsamples, and for tayered samples, each component is energied separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Analyst

Approved Signatory

be guaranteed. Flor title send whose should be tested with either SEM or TEM. The above test report relates only to the items restrict cernor may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to dain product endormated by MVLAP nor any agency of the United States Covernment. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the about agy of results when requisited to physically separate and enabyze system dampines. 05-0578-570 Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk \$200188-0).

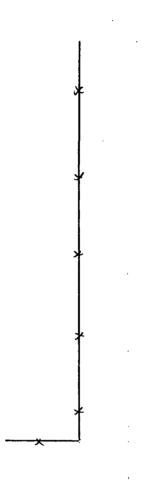


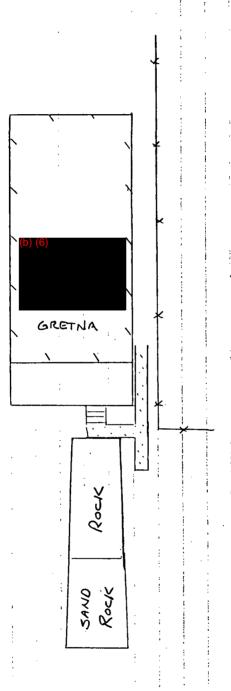


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Date 725-97 Subject Restoration Site \$ 578 _ Sheet No.____of_ Chkd. By ____ Date

Proj. No. .





05-0578-590

F 6005060

WESTBANK ASBESTOS ABATEMENT

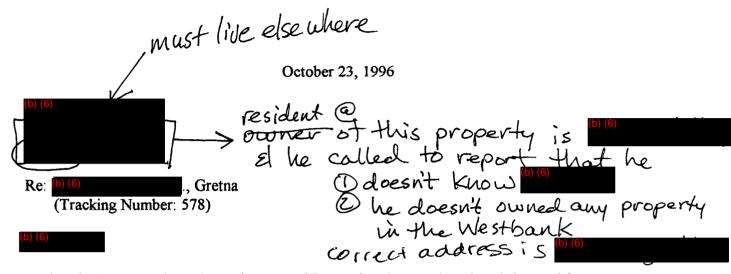
RESTORATION FORM

SITE# 578

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT COM
			<u> </u>			GII.	COM
ck installation (sq.yds.)					57. ⁵⁰		-
d Installation (sq.yds.)							-
Concrete Installation (sq. yds.)							
Concrete Installation (sq. yds.)							
and Installation (sq.yds.)				,	25.≅		
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)					14,00		-
and (cu.yds.)					6.00		-
oncrete (cu.yds.)							
astic Edging (ft.)							
alkway Rock Inst. (sq.yds.)					-		-
opsoil (cu.yds.)							
XTRA							
	Site Ske	etch on E	Back of F	age			
OMMENTS:							
					·		
REPRESENTATIVE SIGNATU	IRE			·			·
UB 1 SIGNATURE						05-0578-	590

<u> 2005061</u>

SUB 2 SIGNATURE



During the last year, the U.S. Environmental Protection Agency (EPA) and the Louisiana Department of Environmental Quality (LDEQ) have been investigating possible asbestos contamination within communities on the west bank of the Mississippi River, south of New Orleans, Louisiana. As a protective measure, representatives of these agencies will undertake a cleanup of these Westbank areas. This property has been identified as needing cleanup of asbestos-containing materials. Enclosed are fact sheets that provide additional information on the cleanup and on asbestos.

Enclosed is a form granting access to your property in order that further assessments may be done. Please sign the form, including both your name and address, and you will greatly facilitate this process. Please tell us if an address correction is needed or if you wish to receive future mailings at a different address. Send the signed form to the address below.

If you have any questions, please call our local information line at 363-4917, or the EPA office in Dallas at 1-800-533-3508 (toll-free). Please refer to tracking number 578.

Sincerely,

Stacey Bennett for John J. Martin EPA On-Scene Coordinator U.S. EPA Region 6 (6SF-R2) 1445 Ross Ave. Dallas, TX 75202

Enclosures

Gotna, Fa Mr John Martin track # 578 EIH on Scene Coordinator Damage to undeground U.S. EPA Region 6 (6SF-R) unter line causal 1445 Ross are Is beary agreetment Dallas, Texas 75202 Dear our Martin: for permission to do my drive way of explained endetail the contractor would have to De vey careful, He reason water lines were under the drive way consisted to the city's water meters. You promised NO problems. Since this job has been completed we have bad a lad leak. my tenant observed when the contractor caused the Down and be promised to Bex to underground For months later the Clene is stell leading and I have been unable to got and thing dine. in Jefferson pareil and get the spollen solved. Hus is an emergency-cause the terent is threatening to money Deause of the Cugh late Colo is aware of the problem. Please contact me on pereint of this letter. 05-0578-600 page /

* 1/2 a 187

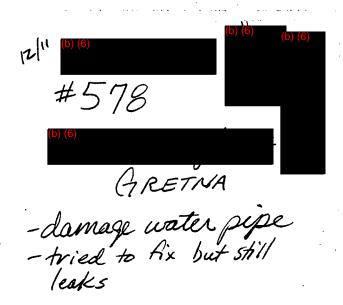
Muy Rome address

Lome plane! (b) (6)

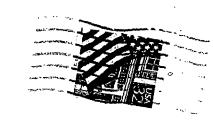
Respor

12/19/97 Q 10:30 called homed talk to wife who suggested Calling Deeper which I did.

IT visited site & repaired broken seal/ Connection due to corrosion while they were digging area to investigate (See file notes.) JM







Myohn martin
EPA. Coordinator
U.S. EPA. Regeon 6-(6SF-RD)
1445 Ross are
Dallas Lexas
2 Maddadalla Maddadalla Jexas

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98 SITE#: 578	·	ADDRESS:	(6) (6)	V
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		=		
SKETCH OR COMMENTS:				
A A A A A A A A A A A A A A A A A A A				
TEAM ME	MBERS: DA	/m2		

005066

05-0578-540

Tracking Number	579	7
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FIELD DATA SHEET 1

Site Informa(b) (6)	(5) (6)
Occupant:	Interviewee:
Address:	GRETNA, LA, 70053
Phone No.: (b) (6)	,
Owner Name Address and Phone No. if Different	
Site Description:	
Description of property (circle): single home; vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate resolution:	e; gate; dogs; other <u>No</u>
3) Underground utilities installed by owner? (circle septic tank; other	e): no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes If yes, note on site sketch. How deep?	s; no; don't know
Site Sketch:	Police N N N Nouse Nouse Nouse of the same
Estimated Volume of ACM:	
Comments: they own both sides of duplex	Soil/grass
Date/Time of Interview: 10.30	Access Granted (circle): ves; no
Team Members: Colil Nohwon	-15tanlig

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Nam	e:	<u></u>
Property's Address:	, GRETNA	
State/Zip: LA , 70053	Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination,
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

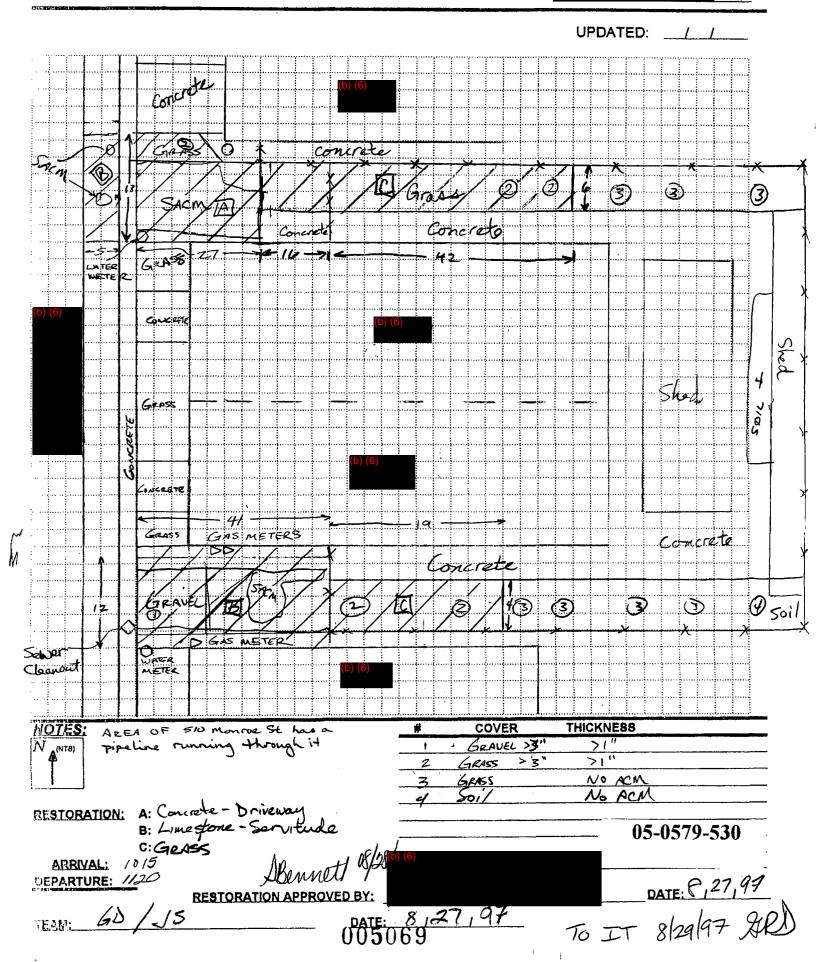
DATE

05-0579-520

(Signed for (6) (6)

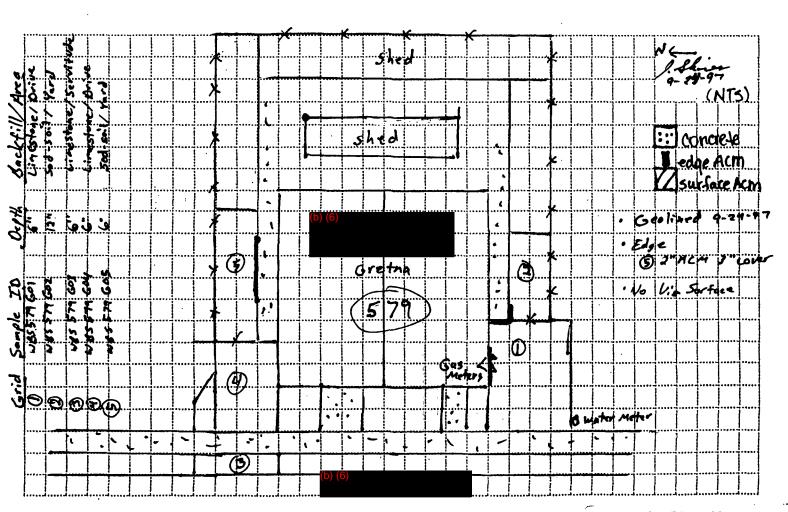
he is paralyzed Worfull

SIGNATURE



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:											
SITE#	579				ADDI	ŒSS:	(b) (6)				
	•						Gret	79			
THE SAI WERE E	MPLE ANALY VALUATED I	SIS RESULTS BY THE USEPA	FOR T	THE A	BOVE R	EFER Q-2	ENCED S	SITE WI	ERE RE	CEIV	ED AND
•					•			O	ID THE	י בטנ	LOWING
ACTION		UATION OF TH	IE AN	NΛLΥ.	HCAL D.	AIA,	WE REC	OMME	ND THE	LIOL	LOWING
		GRID#	: 1	1 2	3	4	5	E	7	8	



05-0579-560

AUTHORIZED EPA/START REPRESENTATIVE MOCLOM
005070

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma **Ecology & Environmental** 11550 New Castle Avenue Baton Rouge, LA 70816

Friday, September 26, 1997

Ref Number: IN971204

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

I	SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	NONAS % FIBROUS	BESTOS % NONFIBROU
	WBS873G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	 	60% Quartz 40% Other
	WB\$579G03		Brown Non-Fibrous Homogeneous	Crushed	None Detected		40% Quartz 60% Other
	WBS579G04		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	; ; ;	80% Quartz 20% Other
	WBS579G05		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlle	i comment	80% Quartz 20% Other
	WBS1494G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected	· · · · · · · · · · · · · · · · · · ·	80% Quartz 20% Other
	WB\$1188G10		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite	· . !	80% Quartz 18% Other
	Vac a = 1 − 1 − 1 − 1 − 1 − 1 − 1 − 1 − 1 − 1				1	: .	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski **Analyst**

Approved

Signatory

Disclaimers: PLM has been known to miss aspectors in a small percentage of semples which contain sabestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either 8EM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contain a least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and enalyze layered samples.

Applysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #2001188-0).

05-0579-570



6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

31/5/05894

Thursday, September 25, 1997

Ref Number: IN971181

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	<i>APPEARANCE</i>	SAMPLE TREATMENT	ASBESTOS % TYPE	%	NONASBI FIBROUS		NONFIBROUS
WBS1139G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			40%	Quartz Other
WBS1139G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite				Quartz Other
WBS1326G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crockdollte				Quartz Other
WBS1328G02		Brown Non-Fibrous Homogeneous	Crushed	3% Chrysotile < 1% Crocidolite				Quartz Other
WBS1326G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		,		Quartz Other
W8S579G01		Brown Non-Fibrous Homogeneous	Grushed	< 1% Chrysotile < 1% Crocidolite				Quartz . Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst

Approved Signatory

Discisimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NYLAP nor any agency of the United States Government. All "NYLAP" reports with NYLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically superate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NYLAP Air and Bulk #200188-0).

05-0579-570

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL 1997

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Thursday, September 25, 1997

Ref Number: IN971181

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE .	ASBEST	os		NONASBE	STOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS579G02	:(b) (6)	Brown Non-Fibrous Homogeneous	:Crushed	< 1% Chrysc < 1% Crocid					6 Quartz 6 Other
WB\$720G04		Brown Non-Fibrous Homogeneous	Crushed	2% Chryso < 1% Crocid		٠			6 Quartz 6 Other
WB\$720G05		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso	olitie				6 Quartz 6 Other
WBS1188G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryse < 1% Crocid					6 Quartz 6 Other
WBS1188G02	_	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrys < 1% Crocio	I .		, (% Quartz % Other
WB\$1188G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrys < 1% Crock			•		% Quartz % Other

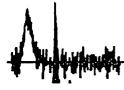
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst

Approved \$ignatory

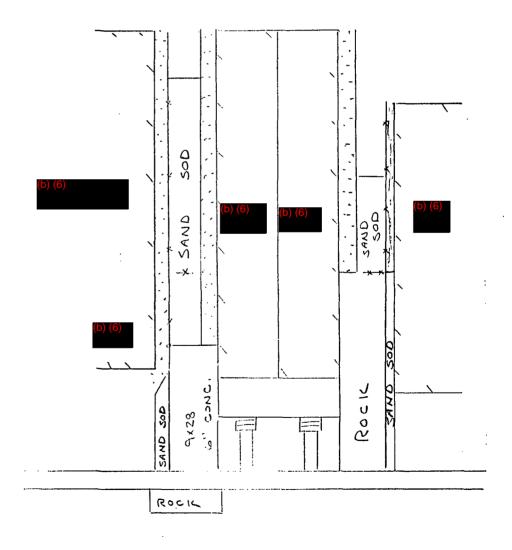
05-0579-570



Discialmers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative guaranteed, Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the iter may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product NVLAP not any agency of the United States Guvernment. All "NVLAP" reports with NVLAP logs must contain at least one at Laboratory is not responsible for the accuracy of results when requested to physically experts and analyze layered samples. Analyze performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).



By PM Date 9-25-97 Subject PETUAL REMOVE Side 11194 Sheet No.____of_ Proj. No. _____ Chkd. By_____ Date.



WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM

SITE # 579 /1449

	DATE	DATE	DATE	DATE			
-		'			EST. QTY.	ACTUAL QTY.	ACT.
Г					<u>u(11.</u>	T G11.	COMP.
Rock Installation (sq.yds.)					50.∞		
Sod Installation (sq.yds.)					74.00	<u> </u>	
6" Concrete Installation (sq. yds.)		-			28.⁰⁰		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					74.°°		
Lower Lift Sand							-
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					18.99		
Sand (cu.yds.)					30.∞		
Concrete (cu.yds.)					4.5 <u>°</u>		
Plastic Edging (ft.)		·					
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)		 					
EXTRA							
	Site Ske	tch on E	Back of F	Page			
COMMENTS:							
							
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE						05-0579	-590

005075

# CADVEL Parantal	Parish # 1340	Source #	CORIVI FOI	ADVF#	11495			
# of ADVF's Requested 1	Parish # 1310							
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED) 			
II. FACILITY INFORMATION		Contact: John	n Martin	 				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270					
Mailing Address: 1445 Ross Ave								
City: Dallas		State: TX		Zip: 75202				
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's l	iscense #: 26445	DEQ ID #: 7S00008				
Address: 113 Ondine Lane								
City: Slidell		State: LA		Zip: 70456				
Contact: Gerald Avery		Telephone: 5	04-646-0039					
OTHER OPERATOR:		DEQ Project	Designer #:					
Address:		· · · · · · · · · · · · · · · · · · ·	***************************************					
City:		· State:		Zip:				
Contact:		Telephone:						
III. TYPE OF OPERATION (circ								
IV. IS ASBESTOS PRESENT? (CI	CLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996				
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 610685						
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)					
Building/Component Name: Duplex (#	579)	Fire Marshall Project #:						
Street Address: (b) (6)								
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n			
Site Location: On side of house		Telephone: NA						
Building Size: NA	# of Floors: NA	Age in Years	: NA					
Present Use: NA		Prior Use: N	A .					
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A	APPROPRIATI 3/116	E, USED TO D	ETECT THE PR	ESENCE OF			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		Nonfriable A Material Not Removed		Indicate Unit Measurement Below				
		Cat I	Cat II	UNIT				
Pipes				Ln Ft:	Ln m:			
Surface Area				Sq Ft:	Sq m:			
Vol RACM off Facility Component	· .			Cu Ft:	Cu yds: 5			
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	196	Complete: /2/	121/96			
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	1/96	Complete: /2	12/196			

	:								
NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)									
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.									
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US ISITE: ssions for engineering control. A	·						
XII. WASTE TRANSPORTER #1									
Name: Quality Contractors	⁶ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan						
Address: 113 Ondine Lane	685 Bridge City Avenue								
City: Slidell	State: LA	Zip: 70458 *3 70094	Telephone#: (504)646-0039 #3(504)436-7777						
WASTE TRANSPORTE	R #2								
Name: B & S Equipment Co., 1	inc.	Contact Person: Billy Ryals							
Address: 1713 Winchester Place	2								
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091						
XIII. WASTE DISPOSAL SIT	E:								
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)								
Location: 5800 Avondale 90 W	/est								
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244						
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	HE AGENCY:						
Name:		Title:	Authority:						
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	/YY)						
XV. FOR EMERGENCY REI	NOVATIONS								
Date and hour of emergency (M	M/DD/YY):		·						
Description of the Sudden, Unexpected Event:									
Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):									
XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.									
Crew will use wet methods to control any visible emissions.									

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III. Chapter 27, Appendix A / 40 CFR PAR 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

year story

(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John Holy 10-12-86

(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE FLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8/31/98</u> SITE #: <u>579</u>		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		==
SKETCH OR COMMENTS:		
Monaran		

005078

05-0579-540

TEAM MEMBERS:

Tracking Number	580

FIELD DATA SHEET 1

Occupant:	(SON) Interviewee: (6) (6)	
Address: (b) (6)	Gretna LA 70053	, ,
Phone No.: (b) (6)		
Owner Name Address and P	hone No. if Different Than Occupant:	
Site Description:		
Description of property (circular) vacant house; vacant lot;		church;
· · · · · · · · · · · · · · · · · · ·	circle): , locked gate; gate; (dogs) other 10 access for	r neavati
3) Underground utilities instal septic tank; otherNote location on site sketcl		V;
4) Is any underground ACM p If yes, note on site sketch.		
P4+10	Adjacent house	Sidewalk (FEB)6'
Estimated Volume of ACM: _	in at to lawren In nowled in	110 110
Comments: 11-20, owner we from noor 11-	ill take agreement to lawyer for review, pick 20. Backyard access may require acquiring by proporty.	access
Date/Time of Interview: 1/-2	Access Granted (circle): (yes;) no
Team Members: JM/AK	7	
12/3/94 called for back		

CONSENT FOR ACCESS TO PROPERTY

WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property's Address:	Gretna	
State/Zip: LA, 70053	Phone Number(s): (b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

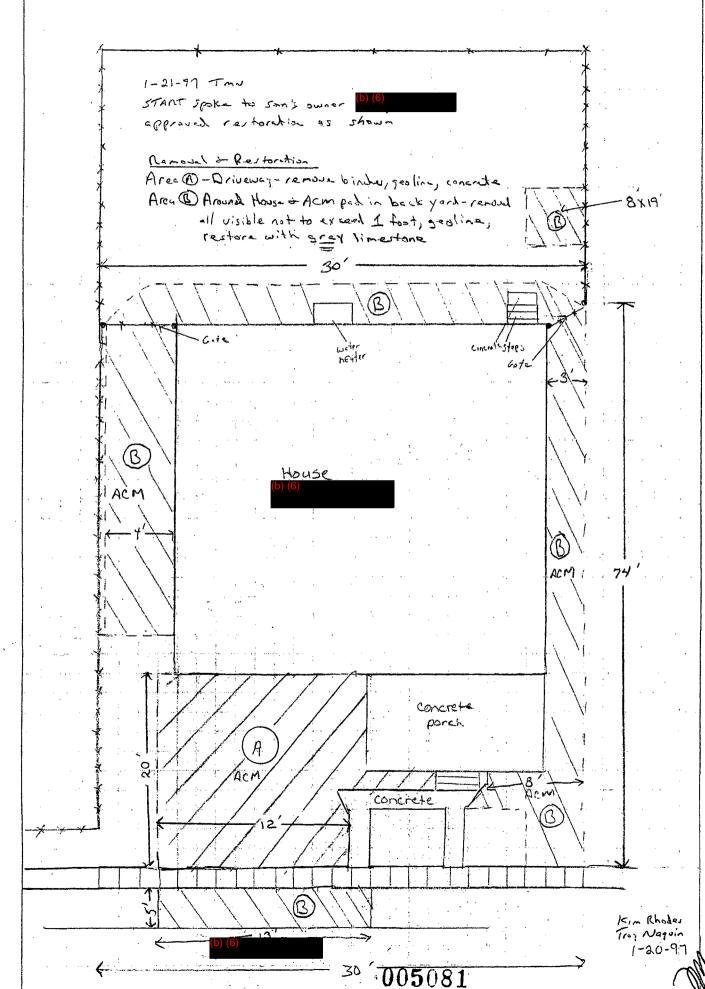
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3 The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Mov20, 1996
DATE

SIGNATURÉ



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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$\mathbf{H} \mathbf{V} \mathbf{I}$	

SITE# 580 ADDRESS:

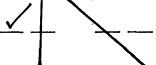
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANAL. RES. AS OF 02-13-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#:

A. PROCEED WITH RESTORATION: $\sqrt{\ \ \ }$



B. FURTHER ACTION NECESSARY: · Visible ACM highlighted by: 12 and (1) Geolined 02, 07. 97

11VE Barbara Story AUTHORIZED EPA/START REPRESENTA

05-0580-560

(ବାର)ଜାନ୍ତାର

000-858-4000

808-961-0650

Carte Pizos, NY

212 200-0052

7136863645

203-233-9007

313403-0E10

San Mutec, CA 415-570-5401

40+333-**49**00

910-207-1487

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Friday, February 14, 1997

Ref Number: TX97410

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE TREATMENT	ASBESTOS	NONASBESTOS		
SAMPLE	LOCATION	APPEARANCE		% TYPE	% FIBROUS	% NONFIBROUS	
WBS593G01	593	Brown	Teased	3% Chrysotile	; ·	97% Other	
i	!	Fibrous		< 1% Crocidolite			
	:	Homogeneous					
	leas	1_		3% Chrysatile	· "	95% Other	
WBS593G02	593	Brown	Teased	2% Crocidolita	•	DO 12 Office	
1	į	Fibrous · Homogeneous	i	270 01001001110	!	:	
!				l			
WBS580G01	(b) (6)	Brown	Teased	30% Chrysotile	······································	67% Other	
1.		Fibrous		3% Crocidolite		:	
•		Homogeneous	•	!	ļ	,	
				J			
:WBS580G02		Brown	Teased	2% Chrysotlie	:	98% Other	
		Fibrous	:	< 1% Crocidolite	•		
:		Homogeneous		:			
, ` . ,		41	, i ,		• • •		
WB\$580G03		Brown	Teased	None Detected		100% Other	
i		Fibrous Homogeneous	i	;	•		
		·		,			
WBS580G04		Brown	Teased	None Detected	•	100% Other	
		Fibrous	i		•	. Save Ottibi	
: •	ì	Homogeneous	1 1 :	;	;	-	
į .	<u></u>						

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez **Analyst**

Approved Signatory

Disclaimers: PLM has been known to miss asbettos in a small percentage of samples which contein asbettos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be rested with either BEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the dism to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0580-570



PAGE 03

Westmoort, RJ Piscalaway, 469-858-4900 908-951-055

18Way, NJ Carle 961-0660 5164

Serie Place, SY Manhattan, 618-887-7251 212-200-885 Seestie, W/ 202-223-900

313-668-6810

Han Mates, CA

Butyrna, 8/

910-297-14

G 1

712-006-3035

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Friday, February 14, 1997

Ref Number: 1X97410



POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBESTOS	NONASBESTOS		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	% NONFIBROUS
WBS580G05	(b) (6)	Brown	: Teased	3% Chrysotile	.		97% Other
		Fibrous		< 1% Crocidolite			•
,		Homogeneous		!			
·		• .					÷. ;
WB\$545AG01		Brown	Teased	< 1% Chrysotile			100% Other
		Fibrous		< 1% Crocidalite	İ		
		Homogeneous			i .		
		!	•		•		•
WBS545AG02		Brown	Teased	10% Chrysotile		•	90% Other
		Fibrous	. 00000	< 1% Crocidolite			
		Homogeneous					
			_:	· :	į		
'WBS545AG03		Brown	Teased	10% Chrysotile	1.		90% Other
110004071000		Fibrous	reased	< 1% Crocidolite	į		our Other
		Homogeneous			:		,
				·	į		
WBS545AG04		Brown					100% Other
TVDG545AGG4		Fibrous	Teased	< 1% Chrysotile			100% Other
•		Homogeneous	•		:		
:WBS545AG05				204 Ob			070/ 044
. 11000-0000		Brown	Teased	3% Chrysotile	i		97% Other
		Fibrous Homogeneous		< 1% Crocidolite	!		
		:				•	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples,

Arthur Hernandez Analyst

Approved Signatory

* Alfridade

Declaimers: PLM has been known to miss eabeatos in a small percentage of samples which contain asbeatos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be teated with either SEM or TEM. The above test report relates only to the items leated. This report may only be reproduced in full with written approval by EMSL. The above test must not be sub-by the failed to claim product endorsement by NVLAP nor any egency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid, it aborators.

It is not responsible for the accuracy of results when requested to physically separate and analyze leyered asmples.

05-0580-570





Commence of the Commence of th	CORTORATION			•	
By PM	Date 2-13-97 Subject RESTORATION	Site #	580	Sheet No	_of
Chkd. By	Date			_ Proj. No	1 W
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	L/L SAND ROCK				
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	SPHARMENT OF THE STONE				
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05-0580-590

005085

# of ADVF's Requested 1	Parish # 1340	Source #	·	M AAC-2 REV 5	117495		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED	 ,		
II. FACILITY INFORMATION		Contact: Joh	n Martin				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270				
Mailing Address: 1445 Ross Ave							
City: Dallas		State: TX		Zip: 75202			
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7500008			
Address: 113 Ondine Lane							
City: Slidell		State: LA		Zip: 70456			
Contact: Gerald Avery		Telephone: 5	504-646-0039	•			
OTHER OPERATOR:		DEQ Project	DEQ Project Designer #:				
Address:							
City:		State:		Zip:			
Contact:		Telephone:	Telephone:				
III. TYPE OF OPERATION (CIR	Ordered Demo	Renovation	Emergency I	Reno			
IV. IS ASBESTOS PRESENT? (c	RCLE ONE) (ES NO	Inspection D	ate: Jan Apr.	1996			
Inspector's Name: Debra Bendily (L	DEQ)	Inspector's A	Accreditation #:	610685			
V. FACILITY DESCRIPTION (L	nclude building name, numb	er, and floor or	room number)				
Building/Component Name: Home (#	580)	Fire Marshal	l Project #:				
Street Address: (b) (6)							
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n		
Site Location: In front of house		Telephone: N	NA.				
Building Size: NA	# of Floors: NA	Age in Years: NA					
Present Use: NA		Prior Use: NA					
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116					ESENCE OF		
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		Nonfriable A Material Not Removed		Indicate Unit Measurement Below			
		Cat I	Cat II	UNIT			
Pipes				Ln Ft:	Ln m:		
Surface Area				Sq Ft:	Sq m:		
Vol RACM off Facility Component				Cu Ft:	Cu yds: 11		
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	196	Complete: /2/	121/96		
IX. SCHEDULED DATES DEMO/RENOVA	ATION (MM/DD/YY)	Start:	196	Complete:	2/21/96		

NOTIF	ICATION OF DEMOLITION	AND RENOVATION FORM (c	ontinued)
X. DESCRIPTION OF PLA		NOVATION WORK AND METH	
OF ASBESTOS AT THE DEM	MOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: ssions for engineering control. A	
XII. WASTE TRANSPORTE	IR #1		
Name: Quality Contractors	^{#3} Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	*3 685 Bridge City Avenue		·
City: Slidell "3 Bridge City	State: LA	Zip: 70458 *3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	ir #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Plac	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD)/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	used unsafe conditions or would	cause equipment damage (or an u	inreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS Crew will use wet methods to co		NT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.
XVII. I CERTIFY THAT AN INDIVI 61, SUBPART M) WILL BE	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION	S OF THIS REGULATION (LAC 33:III. N OR RENOVATION AND EVIDENCE LABLE FOR INSPECTION DURING NO	THAT THE REQUIRED TRAINING
	•	(Signature of Owner/Opera	ator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	VE INFORMATION IS CORRECT.	(Signature of Owner/Opera	10-12-56
		(Signature of Owner/Opers	ACT CONTRACTOR

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/31/98 SITE #: 580	(b) (6) ADDRESS
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	24"
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
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(b) (6)	
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05-0580-540

TEAM MEMBERS:

Tracking Number	581
Tracking runnoci	<u></u>

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: Gratua, /A. 70053
(b) (6) Phone No.:
Owner Name. Address, and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no. don't know If yes, note on site sketch. How deep?
Site Sketch:
Acm 15'
Horse Horse
(b) (6)
Estimated Volume of ACM:
Comments: No removal Needed
nuner poured concrete plat over driveway - ach is serled
Date/Time of Interview: 10/1/ 10:20 Access Granted (circle): yes; no
Team Members: $\frac{K5}{K5}$ 05-0581-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

.281

(b) (6)	
Property Owner's Name:	
Property Address:	Gretina
State/Zip: 44. 7805 3	Phone Number(s) ^(b) (6)
<i>1</i> . 7	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small buildozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 960) et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-27-98 DATE

(b) (6)

TRACKING	#	581	
TRACKING	#	<u>58</u>	

SITE SKETCH

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Concrete
NOTES: # COVER THICKNESS

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/3//98 SITE #: 58/	ADDRESS:
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
ACM CORPORT ACMX (b) (6)	
TEAM MEMBERS:	DA/ML 05-0581-540

005092

Tracking Number	ing Number <u>582</u>	
-----------------	-----------------------	--

FIELD DATA SHEET 1

Site Information:	
Occupant: Owner Interviewee:	
Address: (b) (6) (Cretna 1A 70053	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	
Site Description:	
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other Oper resolution:	
3) Underground utilities installed by owner? (circle): no; (water;) (gas) electric; cable TY; side septic tank; other Gas at alleybray Graturer rt side Note location on site sketch.)	i
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
Site Sketch: Carage N	
Estimated Volume of ACM:	
Comments: Backfell: lime store	
Date/Time of Interview: 10/22/96 445pm Access Granted (circle): (yes;) no	
Team Members: Loberta Hayland	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASSESTOS SITE

) (6)		
Property Owner's Name:			
Property's Address:	(h) (6)		
State/Zip: 4, 70052	Phone Number(s):		
·		·	_

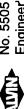
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

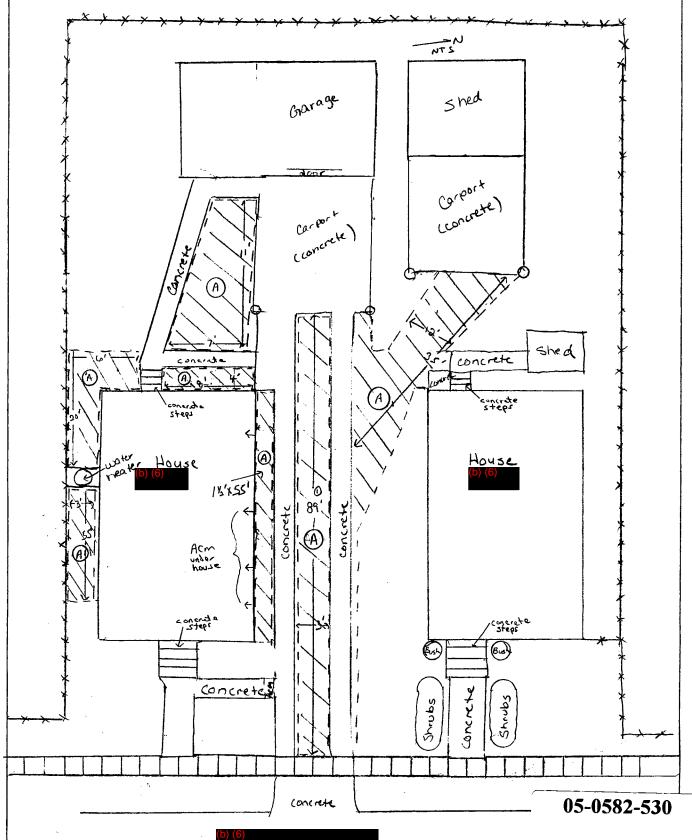
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE SIGNATURE O





1/25/97 1/3 spoke w/(b) (6) Thickness 511 Removal & Restaution . 0 monitoring. He approves monitoring and restoration. 0 - Area @ - remove all Aim to bincher, HXX Ochodis 1/00/97

seoline, concrete 005095te: Need to disure removed of Arm underneith house with EPA

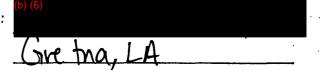
TROYM Naguin 1/20/97 M Approved Johnmotin

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

TYYET	
HYI	۰

SITE# 582/583

ADDRESS:



THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANAL RES. AS OF 02-17-97

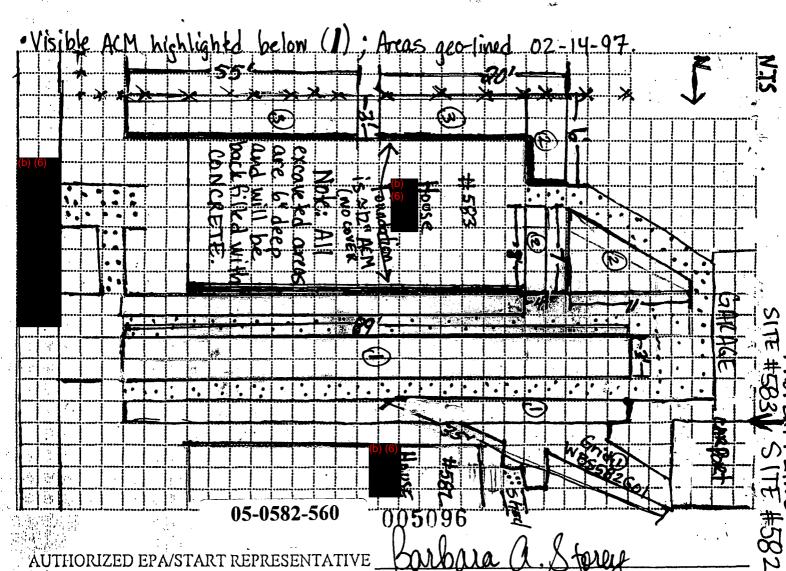
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING Site #583

ACTION:

GRID#:

A. PROCEED WITH RESTORATION: $\sqrt{\ }$

B. FURTHER ACTION NECESSARY:



Westmant, NJ

Pacataway, X3

Carin Pines, NY 518-807-7251

212-290-0052

Souttle, WA 203-233-8007 Ann Arbor, MI 313-688-6810

San Mates, CA 415-070-5401 Bayrus. G

Recombors. N 810-297-1487 Houston, TX 713-665-3535



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, February 18, 1997

Ref Number: TX97436

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBES %	IOS TYPE	%	<u>NONASBI</u> FIBROUS	ESTOS %	NONFIBROUS
· em · NON	576 WALKWAY Chips of	Grey Fibrous	Teased	55% Chrys	sotile			45%	6 Other
SUS	pected to be	Homogeneous ACH		, mm, ,,m , m, ,m w 47111 Will		i.		•	
WBS276GO2	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chry	sotile			100%	6 Other
WBS582GO1		Tan Non-Fibrous Homogeneous	Tessed	2% Chry < 1% Croc				98%	6 Other
WBS583GO1		Tan Non-Fibrous Hornogeneous	Teased	2% Chry < 1% Croc		: . .] .		98%	6 Other .
WBS583GQ2		Tan Non-Fibrous Homogeneous	Teased	2% Chry < 1% Croc				98%	% Other
WBS583GO3	·	Tan Non-Fibrous Homogeneous	Teased	2% Chry < 1% Croc				98%	% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas
Analyst

Approved Signatory

A HANNING

Disclaimers: PLM has been known to miss separtor in a small percentage of samples which contain asbeatos. Thus negative PLM results cannot be transmitted. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any apency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Leboratory is not responsible for the accuracy of results when requested to physically separate and snakyze layered samples.

05-0582-570





By_PM_	Date 2-17-97 Subject RESTORATION SITE # 582	Sheet No	of
	•	Proj. No	
Chkd. By	Date Anrabe	Proj. No.	
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	ANTERIOR COMPANY SIDEWALK		
	The state of the s		
		05-0582	-590
	005098	1 1	1. 1. 14:

NOTIFICATION OF	DEMOLITION AND RE	NOVATION	FORMFOR	RM AAC-2 REV 5	/12/95
# of ADVF's Requested 1	Parish # 1340	Source #		ADVF#	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED	
II. FACILITY INFORMATION		Contact: Joh	n Martin		
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270	_	
Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7800008	
Address: 113 Ondine Lane					
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:					
City:		State:		Zip:	
Contact:	_	Telephone:			
III. TYPE OF OPERATION (CIRC	CLE ONE) Cemo	Ordered Demo	Renovation	Emergency I	Reno
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) (ES) NO	Inspection D	ate: Jan Apr.	1996	
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:	610685	
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		
Building/Component Name: Home (#5	82)	Fire Marshal	l Project #:		-
Street Address: (b) (6)					
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n
Site Location: In back of house		Telephone: N	IA.		
Building Size: NA	# of Floors: NA	Age in Years	: NA		
Present Use: NA		Prior Use: N	A		
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A	APPROPRIAT 3/116	E, USED TO D	ETECT THE PR	ESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: P. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement
		Cat I	Cat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component		,		Cu Ft:	Cu yds: 4
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	196	Complete: 12	121/96
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: //	1/96	Complete: 22	121/96
		/	,		

NOTIF	ICATION OF DEMOLITION	AND RENOVATION FORM (c	continued)
X. DESCRIPTION OF PLA		NOVATION WORK AND METH	
OF ASBESTOS AT THE DEN	MOLITION AND RENOVATION		SED TO PREVENT EMISSIONS
XII. WASTE TRANSPORTE	3R #1		
Name: Quality Contractors	ⁿ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	685 Bridge City Avenue		
City: Slidell Bridge City	State: LA	Zip: 70458 *3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	ER #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	;e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	ГЕ:		
Name: Jefferson Parish Landfi	ill (Kelvin Landfill)		
Location: 5800 Avondale 90 W	Vest		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT A	AGENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DI	D/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	/M/DD/YY):		
Description of the Sudden, Une	expected Event:		-
Explanation of how the event ca	aused unsafe conditions or would	cause equipment damage (or an u	unreasonable financial burden):
NONFRIABLE ASBESTOS	S MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY OWDER.
Crew will use wet methods to c			
61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHE	E ON-SITE DURING THE DEMOLITION	IS OF THIS REGULATION (LAC 33:III IN OR RENOVATION AND EVIDENCE LABLE FOR INSPECTION DURING NO	E THAT THE REQUIRED TRAINING
		(Signature of Owner/Oper	rator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	VE INFORMATION IS CORRECT.	July 2 th	1/2-12-96
		(Signature of Owner/Oper	rstor/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/8/98</u> SITE #: <u>580</u>		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:	10	=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
AND AND AND AND AND AND AND AND AND AND			
TEAM MEI	MBERS: DA/I	NL	

FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6) Interviewee:	
Address: (b) (6)	
Address: (b) (6) Phone No.: (b) (6) Watton, CA 70053 WWK	
	tuorle
Site Description:	
Description of property (circle): single homel duplex; business; school; daycare; vacant house; vacant lot; other	church;
2) Problems accessing yards (circle): locked gate; gate; dogs; other No resolution:	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV septic tank; other Owner will park at the septic tank. Note location on site sketch.	<i>'</i> ;
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
Site Sketch: Sarase concrete Acm Acm Acm Acm Acm Acm Acm Acm	(b) (6)
Estimated Volume of ACM: / 6 y 4 3	
Comments: Wanto soil a sod in yourd, and grand in durquing	5
Date/Time of Interview: 10/08/96 1025 hrs Access Granted (circle): yes;	\ no
Date/Time of Interview: 10/08/96 1025 hrs Access Granted (circle): (yes;)	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property's Address:	i GRETNA	
State/Zip: Ar. 70053	Phone Number(s): (b) (6)	

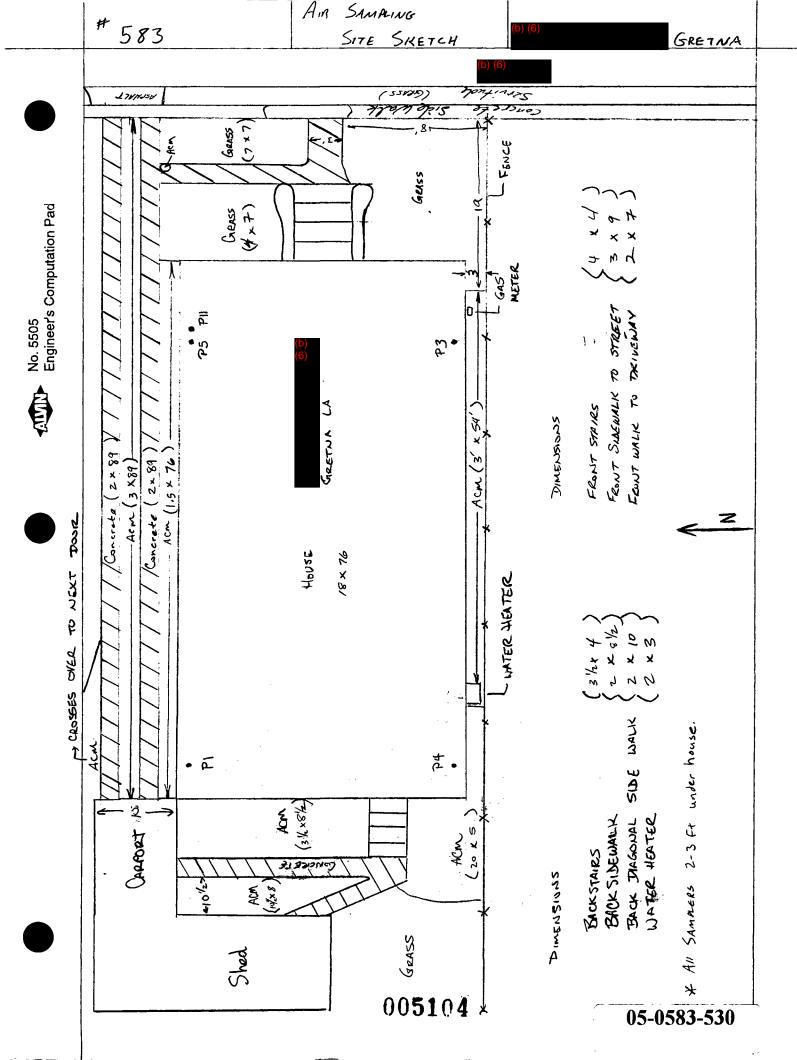
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

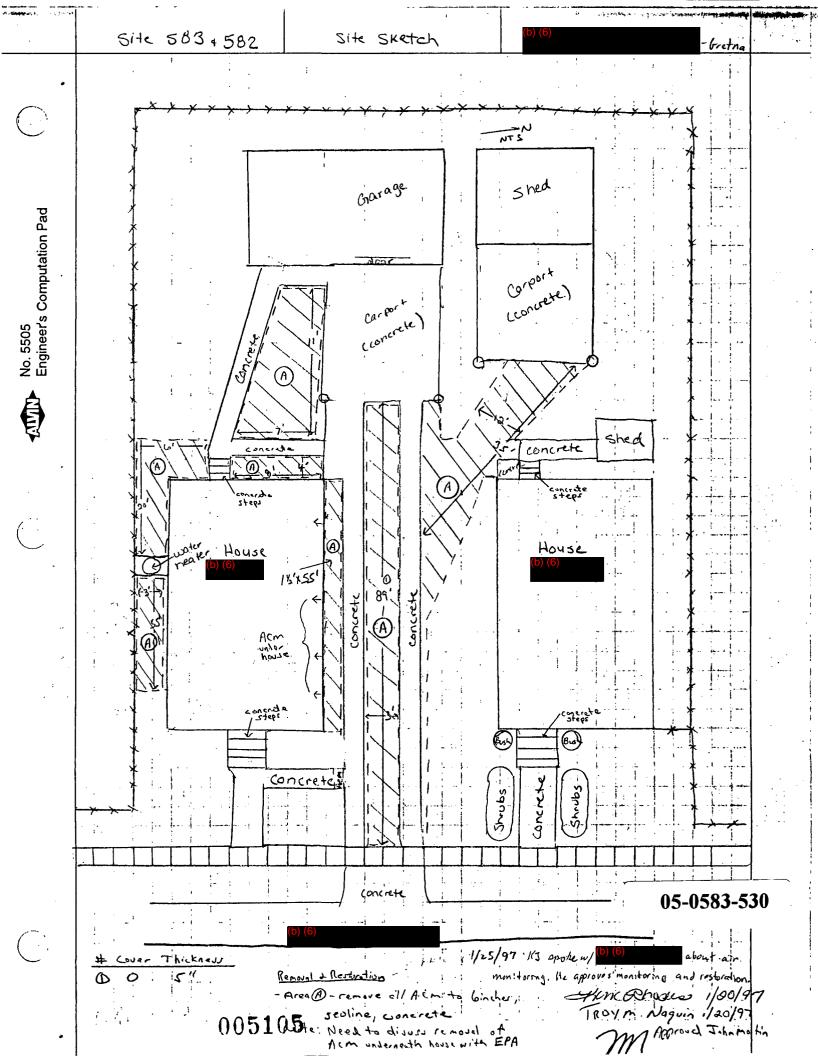
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/9/96 DATE SIGNATURE





WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION

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AUTHORIZED EPA/START REPRESENTATIVE

Carlo Place, XY 516-807-7251

Manhattan. NY X12-290-0062

205-231-9007

\$13-010-151D

415-570-5401

MARCH 1884

910-237-1487

713-496-1035



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, February 18, 1997

Ref Number: TX97436

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	Asbesi %	OS TYPE	%	NONASBE FIBROUS		ONFIBR	ious
576: NO	676 WALKWAY c: chips of kway pected to be	Grey Fibrous Homogeneous ACH	Teased	55% Chryst	otile			45% (Other	•
WBS276G02	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrys	otile			100% (Other	
WBS582GO1		Tan Non-Fibrous Homogenaous	Teased	2% Chrysk < 1% Crocid				98% (Other	
WBS583GO1		Tan Non-Fibrous Hornogeneous	Teased	2% Chryse < 1% Crockd		:		98% (Other	
WBS583GO2		Tan Non-Fibrous Homogeneous	Teased	2% Chryst < 1% Crockd				98% (Other	, , , , , , , , , , , , , , , , , , ,
WBS583GO3		Tan Non-Fibrous Homogeneous	Teased	2% Chryse < 1% Crockd				98% (Other •••	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas **Analyst**

Approved Signatory

Disclaimers: PLM has been known to mise aspectos in a small percentage of samples which contain aspectos. Thus negative PLM results cannot be guaranteed. Floor tiles and whose should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the otient to claim product endorsament by NVLAP. not any againty of the United States Government All "NVLAP" reports with NVLAP logo must contain at teast one signature to be valid. Laboratory is not responsible for the sociarcy of results when requested to physically separate and analyze layered samples.

05-0583-570

EMOL TEAMO

Fantment, N.S. | Finedowney, N.S. Curlo Pinde, NY Manhattas, NY Sontife, WA Ann Arbot, MY San Maton, CA Supres, GA Groundsore, NC Mountes, TX NO-858-4880 988-481-4658 818-607-7551 212-258-4662 288-223-8007 918-468-6610 416-578-5402 404-862-4868 918-297-1467 718-468-5820

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, January 29, 1997

EMSL

Ref Number: TX97244

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: 020601 WESTBANK ASBESTOS

SAMPLE ID	VOLUME (Hters)	ASBESTOS TYPE(S)	# <i>STRUCTU</i> ASB NO	<i>RES</i> DNASB	AREA ANALYZED (mm²)	CONCENTS ASBESTOS S AS/mm²		ANALYTICAL SENSITIVITY (AS/cc)
WBA583P1A Site #	7186.00 583	None Detected	Ď	0	0.0498	<20.1613	<0.0011	0.0011
WBA583P31 Site # 5	7390.00	None Detected	0	0	0.0498	<20.1613	<0.0011	0.0011
WBA583P4A Site #	7128.00 583	None Detected	0	0	0.0496	<20.1613	<0.0011	0.0011
wrasespsa Site # 9	7380.00 583	None Detected	0	0	0.0498	<20.1613	<0.0011	0.0011
WBASB3P11A Site #5	7277.00	None Detected	0	0	0.0498	<20.1613	<0.0011	0.0011
Comments: For "No	one Detected*	samples, the number of	under AS/cc is eq	ual to the a	<u>.</u>	Under	house	

Lee Poye Analyst YMA Xe2'
PIA
HOUSE!
PSA
PIIA

(6)(6)

under house air monitoring \$583. (01-27-97)

> Approved Signatory

Disclaimers: The laboratory is only responsible for (ibers counted in fibers/min* and not in fibers/op, which is dependent on volume collected by non-leboratory personnel.

Accredited for PLM/TEM NVLAP #2106





ву <u>Рм</u>	Date 2-17-97 Subject RESTORATION SITE # 583	_Sheet No	_of
Chkd. By	_Date	_ Proj. No	
	COND COND COND COND COND COND COND COND		
	SIDEWALK STORY		
	005109	05-0583	3-590

NOTIFICATION OF	DEMOLITION AND RE	NOVATION	FORM FOR	RM AAC-2 REV 5	/12/95
# of ADVI's Requested 2	Parish # 1340	Source #		ADVF#	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED	
II. FACILITY INFORMATION		Contact: John	n Martin		
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270		
Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202	<u>.</u>
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's l	iscense #: 26445	DEQ ID #: 7500008	
Address: 113 Ondine Lane					
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:		-			
City:		State:	;	Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	(LE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno .
IV. IS ASBESTOS PRESENT? (CI	CLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996	
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 6I0685			
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		
Building/Component Name: Home (#5	83)	Fire Marshall	Project #:		
Street Address (b) (6)					
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n
Site Location: On side of house		Telephone: NA			
Building Size: NA	# of Floors: NA	Age in Years	: NA		
Present Use: NA		Prior Use: NA	Prior Use: NA		
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1) Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement
		Cat I	Cat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 16
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	196	Complete: (2)	121/86
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: //	1/96	Complete:	1/21/96

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued) DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE: Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted. XII. WASTE TRANSPORTER #1 *3 Vaughan Contractors Name: Quality Contractors Contact Person: Jerry Avery H.P. Vaughan Address: 113 Ondine Lane *3 685 Bridge City Avenue Telephone#: (504)646-0039 City: Slidell *3 Bridge City State: LA Zip: 70458 #3 70094 #3(504)436-7777 **WASTE TRANSPORTER #2** Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals Address: 1713 Winchester Place Telephone #: (504) 340-2091 City: Harvey State: LA Zip: 70058 XIII. WASTE DISPOSAL SITE: Name: Jefferson Parish Landfill (Kelvin Landfill) Location: 5800 Avondale 90 West Telephone: (504)436-0244 State: LA Zip: 70094 City: Avondale XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY: Name: Title: Authority: Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY) XV. FOR EMERGENCY RENOVATIONS Date and hour of emergency (MM/DD/YY): Description of the Sudden, Unexpected Event: Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden): XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER. Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PAR 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS. 10-12-96 ende -1

(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/2/98 SITE #: 58:3		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHŢ:	_/2"	=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS: (b) (6)		pières on edop of

TEAM MEMBERS:

DA/ML

Tracking Number 584

FIELD DATA SHEET 1

Site information:	(h) (6)
Occupant:	Interviewee:
Address:	Gretner, LA 70053
Phone No.:	. /
Owner Name, Address, and Phone No. if Different Than Oc	cupant:
Site Description:	
Description of property (circle): single home; duple vacant house; vacant lot; other	x; business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; resolution:	dogs; other <u>None</u>
3) Underground utilities installed by owner? (circle): no; septic tank; other	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; of If yes, note on site sketch. How deep?	don't know
Site Sketch: (b) (6)	(a) (b) (c) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d
Estimated Volume of ACM:	'
Comments: grand / edgerg	
Date/Time of Interview: 10/9 - 9:30	Access Granted (circle): (yes) no
Team Members: K5/K5	
(/

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner	's Name:			
Property's Addr	ess:		Gretna	
		Phone Number(s):	7	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and,
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

SIGNATURE



UPDATED: __/_/ PORCH NOTES: JUNK TEWCK ON ACM. THICKNESS COVER 3" ACM 4" ACM RESTORATION: A: Lime Stone
B: SOD
C: tw lolaylar **ARRIVAL: DEPARTURE:** RESTORATION APPROVED BY:

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			
SITE#	584	ADDRESS: (b) (6)	
_	,	Gretna I A	

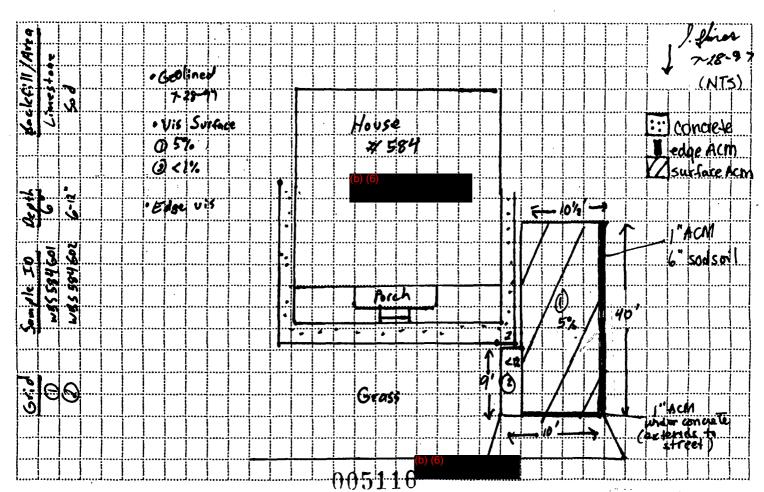
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON <u>07.30.97</u>

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTIIORIZED EPA/START REPRESENTATIVE <u>Alme Rile</u>

05-0584-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, July 30, 1997

Ref Number: IN97633

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>A\$BESTOS</u> % TY		NONASBESTO.	<u>S</u> NONFIBROUS
WB\$298G06	b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Dete	ected		0% Quartz 0% Other
WB\$1015G01		Brown Non-Fibrous Hornogeneous	Crushed	< 1% Chrysotile < 1% Cracidolite	1		0% Quartz 0% Other
WB\$1015G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolit	I		0% Quartz 0% Other
WBS584G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			0% Quartz 0% Other
WBS584G02		Brown Non-Fibrous Hornogeneous	Crushed	< 1% Chrysotile < 1% Cracidolit	t		0% Quartz 0% Oth a r
WB\$354G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolit	i.		0% Quartz 0% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately Also, "# of Layers" refers to number of separable subsamples.

Jane Wasilewski Analyst

Approved Signatory

A Hardingle

Disclamers: PLM has been known to miss asbestoe in a small percentage of samples which contain asbestoe. Thus negative PLM results cannot be gueranteed. Floor tiles and wipes should be tested with either SEM or TEM. The shove test not report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP flor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain a treat one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0584-570

^{*} NY samples also analyzed by ELAP 198-1 Method



1
ノ

GRETNA

YOUNG

05-0584-590

WESTBANK'ASBESTOS ABATEMENT

JUB 2 SIGNATURE

RESTORATION FORM

SITE# 584

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
ock Installation (sq.yds.)					40.∞		
d Installation (sq.yds.)					6.09		
Concrete Installation (sq. yds.)							
Concrete Installation (sq. yds.)							
and Installation (sq.yds.)					<u>ر. بع</u>		
wer Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)					10.∞		ļ
and (cu.yds.)					2,00		
oncrete (cu.yds.)							-
astic Edging (ft.)							
alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)							
XTRA							
•	Site Ske	etch on E	Back of F	age			
OMMENTS:							
			·				
					 		
REPRESENTATIVE SIGNATU	IRE						
UB 1 SIGNATURE					····	05-0584-	590

1	DEMOLITION AND RE	NOVATION J Source #	FORM FOI	RM AAC-2 REV.5	/12/95
# of ADVF's Requested 1	Parish # 1340	Source#		ADVF#	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED)
II. FACILITY INFORMATION		Contact: John	n Martin		
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270		
Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's l	Liscense #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane					
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:					
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	LE ONE) Demo	Ordered Demo	Renovation	Emergency F	Reno
IV. IS ASBESTOS PRESENT? (CI	ACLEONE) YES NO	Inspection D	ate: Jan Apr.	1,996	
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		
Building/Component Name: Home (#5	84)	Fire Marshall Project #:			
Street Address:(b) (6)					
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n
Site Location: On side of house		Telephone: N	IA	- 100	
Building Size: NA	# of Floors: NA	Age in Years	: NA		
Present Use: NA		Prior Use: N	A		
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF And a Control of the Control of	APPROPRIAT 1/116	E, USED TO D	ETECT THE PR	ESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement
		Cat I	Cat II	UNIT	
Pipes	`			Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 5
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: 4/7	196	Complete: / 2	1/21/96
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	7/96	Complete: /2	121/96

X. DESCRIPTION OF PLA Excavation of residential proper	NNED DEMOLITION OR REN	IOVATION WORK AND METH on techniques.	IOD(s) TO BE USED:
OF ASBESTOS AT THE DEM	RK PRACTICES AND ENGINE IOLITION AND RENOVATION wet methods and no visible emis	I SITE:	
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	¹⁵ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	685 Bridge City Avenue		
City: Slidell Bridge City	State: LA	Zip: 70458 *3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	R #2	,	
Name: B & S Equipment Co., I	inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	•		_
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfil	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	'est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDE	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	HE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	/YY) .
XV. FOR EMERGENCY REI	NOVATIONS		
Date and hour of emergency (M	M/DD/YY):		·
Description of the Sudden, Unex	xpected Event:		
Explanation of how the event ca	used unsafe conditions or would o	cause equipment damage (or an u	nreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	LES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED,	IT THAT UNEXPECTED ASBESTOS IS PULVERIZED, OR REDUCED TO POV	S FOUND OR PREVIOUSLY WDER.
Crew will use wet methods to co	ontrol any visible emissions.		•
XVII. I CERTIFY THAT AN INDIVID 61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHED	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION D BY THIS PERSON WILL BE AVAIL.	S OF THIS REGULATION (LAC 33:III. N OR RENOVATION AND EVIDENCE ABLE FOR INSPECTION DURING NO	Chapter 27, Appendix A / 40 CFR PAR THAT THE REQUIRED TRAINING RMAL BUSINESS HOURS.
		(Signature of Owner/Opera	stor/Contractor)
XVIII. I CERTIFY THAT THE ABOV	'E INFORMATION IS CORRECT.	July I Holy	10-12-96
		(Signature of Owner/Opera	wircontracor)

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

PURSUANT TO R.S. 46:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98 SITE#: 584		(b) (6) ADDRESS:	
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACÉ HEIGHT:	NA		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	·	
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			 -,
Jana Min		slab	

05-0584-540

TEAM MEMBERS:

Tracking Number	585
-----------------	-----

FIELD DATA SHEET 1

Site Information:									
Occupant: Sam Wallace Interviewee: Sam Wallace									
Address: 1403 Franklin St. Gretna, LA, 70053									
Phone No.: ?									
Owner Name, Address, and Phone No. if Different Than Occupant: Reflection Barber & Beauty Shop									
Site Description:									
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other									
2) Problems accessing yards (circle): locked gate; gate; dogs; other									
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.									
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?									
House Concrete									
FRANKLIN 5+									
Estimated Volume of ACM:									
Comments: Soil grass									
Date/Time of Interview: /b/// 1330 Access Granted (circle); yes; no									
Team Members: Cochill/ Johnson									

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:_	Reflection Barber + Beauty Shop	
Property's Address: 14-0	3 Franklin st, Gratna,	
State/Zip: LA, 70053		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

/**0**-/1-96 DATE

SIGNATURE

05-0585-520

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:
SITE# 585 ADDRESS: 1403 Franklin St.
Gretna, LA
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION: GRID #: 1 2 3 # 5 6 7 8
A. PROCEED WITH RESTORATION: V
B. FURTHER ACTION NECESSARY: enfire excavated area was geo-lined 01.30.97
Visible ACM high lighted below: (271), (1) Grid Sampli Id (1) WBSCBS GO1 (2) WBSCBS GO2 (3) How recommon and the second of t
(D) 12" Sed Se
AUTHORIZED EPA/START REPRESENTATIVE OUDANA A. STORY 005126

Finesterry, M.J. Carb Plate, ST. Markettra, NT. Septile, WA. And Arbor, MI. SER MINISTER. SURVEY, MI. Carb Plate, ST. Minister, NY. And Arbor, MI. SER MINISTER. SURVEY, MI. Carb Plate, ST. Minister, M. And Arbor, MI. SER MINISTER. SURVEY, MI. Carb Plate, ST. Minister, M. And Arbor, MI. SER MINISTER. SURVEY, MI. Carb Plate, ST. Minister, M. And Arbor, MI. SER MINISTER. SURVEY, MI.

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Ref Number: TX97295

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASBE	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS585GO1	585	Tan	Teased	2% Chi	rysotile			98%	Other
	:	Non-Fibrous Hornogénéous	:	· i		:			
i. WBS585GO2	585	Tan	Teased	< 1% Chi	rysotile	j		100%	Other
	'	Non-Fibrous Homogeneous	!	; ; ;					,
WBS585G03	585		: Teased	2% Chi	rysotile			98%	Other
	:	Non-Fibrous	•	< 1% Cro	cidolite				
	1	Homogeneous	•			!			
wss585g04	585		Teased /	< 1% Ch	rysotile		19 of 603	100%	Other
:		Non-Fibrous	(;		V	4505603		
		Homogeneous	,			ME	500		
WBS200GQ1	200	Ten	: Teased	8% Ch	rysotile			90%	Other
		Non-Fibrous	1		ocidolite				
i	•	Homogen o ous	•	•		•			
WB\$200GO2	200	Tan	Teased		 rysotile			96%	6 Other
		Non-Fibrous	;	< 1% Cro	•	:			•
!	<u>:</u>	Hornogeneous		i		,			
i			•						

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

Approved Signatory

Disclaiment: PLM has been known to miss exhestor in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "INVLAP" reports with NVLAP logo must contain at least one signature to be valid. Unboratory is not responsible for the excursory of results when requested to physically separate and analyze layered earnies.

05-0585-570

# of ADVF's Requested 2	Parish # 1340	Source #	FORIVI FOR	ADVF#	11 2195						
# 01 ADVP's Requesieu —	Pansn #										
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	DRIGINAL	REVISED	CANCELED							
II. FACILITY INFORMATION		Contact: Joh	n Martin		· · · · · · · · · · · · · · · · · · ·						
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270								
Mailing Address: 1445 Ross Ave											
City: Dallas		State: TX		Zip: 75202							
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008							
Address: 113 Ondine Lane											
City: Slidell		State: LA		Zip: 70456							
Contact: Gerald Avery		Telephone: 5	04-646-0039								
OTHER OPERATOR:		DEQ Project	Designer #:								
Address:											
City:		State:		Zip:							
Contact:		Telephone:	· · · · · · · · · · · · · · · · · · ·								
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno											
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) VES NO Inspection Date: Jan Apr. 1996											
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:	610685							
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)								
Building/Component Name: Business	(#585)	Fire Marshal	l Project #:								
Street Address: 1403 Franklin Street			····								
City: Gretna	State: LA	Zip: 70053	Parish: Jefferso	on							
Site Location: In back of house		Telephone: NA									
Building Size: NA	# of Floors: NA	Age in Years: NA									
Present Use: NA		Prior Use: NA									
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF						
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1/ Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	easurement						
		Cat I	Cat II	UNIT							
Pipes				Ln Ft:	Ln m:						
Surface Area				Sq Ft:	Sq m:						
Vol RACM off Facility Component				Cu Ft:	Cu yds: 15						
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	186	Complete: /z/	121/86						
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: 4/1/96 Complete: 12/21/96									

X. DESCRIPTION OF PLA Excavation of residential proper	NNED DEMOLITION OR REN rties utilizing standard construction	IOVATION WORK AND METH on techniques.	IOD(s) TO BE USED:					
OF ASBESTOS AT THE DEM	OLITION AND RENOVATION	ERING CONTROLS TO BE US I SITE: ssions for engineering control. A						
XII. WASTE TRANSPORTE	R #1							
Name: Quality Contractors	ⁿ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan					
Address: 113 Ondine Lane	685 Bridge City Avenue							
City: Slidell	State: LA	Zip: 70458 70094	Telephone#: (504)646-0039 #3(504)436-7777					
WASTE TRANSPORTE	R #2							
Name: B & S Equipment Co., I	nc.	Contact Person: Billy Ryals						
Address: 1713 Winchester Place	:							
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091					
XIII. WASTE DISPOSAL SIT	E:							
Name: Jefferson Parish Landfil	l (Kelvin Landfill)							
Location: 5800 Avondale 90 W	est							
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244					
XIV. IF DEMOLITION ORDE	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	HE AGENCY:					
Name:		Title:	Authority:					
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD/YY)						
XV. FOR EMERGENCY REI	NOVATIONS							
Date and hour of emergency (M	M/DD/YY):		•					
Description of the Sudden, Unex	spected Event:							
Explanation of how the event ca	used unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):					
NONFRIABLE ASBESTOS	MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO PO	S FOUND OR PREVIOUSLY WDER.					
Crew will use wet methods to co								
61, SUBPART M) WILL BE	ON-SITE DURING THE DEMOLITION	S OF THIS REGULATION (LAC 33:III. N OR RENOVATION AND EVIDENCE ABLE FOR INSPECTION DURING NO	THAT THE REQUIRED TRAINING					
		(Signature of Owner/Opera	ator/Contractor)					
XVIII. I CERTIFY THAT THE ABOV	E INFORMATION IS CORRECT.	Jude 5 Holy	10-12-96					
		(Signature of Owner/Opera	ator/Contractor)					

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

11.1



Ву	PM Date 1-31-97			Date 1-31-97 Subject Restoration 51te # 585								_ Sheet No				_ of													
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WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE #: 6 4 403 585		ADDRESS:	1403 Guest.	Franklin na	S+
ACM LOCATED BENEATH:	HOUSE SHED				
APPR. CRAWL SPACE HEIGHT:					
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB				
PERCENT OF AREA (ACM)		_			
SKETCH OR COMMENTS:					
		Crawl	Space		
No Acm					

05-0585-540

TEAM MEMBERS:

11-18 No one home; JM/AR

FIELD DATA SHEET 1

Site Information:	(b) (c)
Occupant:	Interviewee:
Address: (b) (6) (6)	NA, LA.
Phone No.:	,
Oungr, Name Address and Phone No. if Different Than Occupa	int:
Site Description:	
Description of property (circle): single home; duplex; vacant house; vacant lot; other	business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; d resolution:	ogs; other
3) Underground utilities installed by owner? (circle): no was septic tank; other	ater; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don If yes, note on site sketch. How deep?	't know
Site Sketch: Jours Jours	Carage 120' NM 120' NUM 120' NUM 120'
2 soil sod.	
Date/Time of Interview: 11-19/1440	Access Granted (circle): (yes:) no
Team Members: 5 M/AR	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: , GRETNA Property's Address: State/Zip: LA, 70053 Phone Number(s):_

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination,
- 3. The performance of a response action including, but not limited to, the following actions:
 - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and a. trucks) on the property;
 - Removal of asbestos-contaminated material from the property; b.
 - Replacement of removed asbestos-containing material with a like-material (i.e., clean C. fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - The replacement with locally-available vegetation of any sod, bushes, or trees whose d. removal was a necessary part of the removal action, and;
 - The taking of other actions necessary to mitigate releases or threats of releases of e. hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and That I will wor be held liable from

DATE without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SIGNATURE

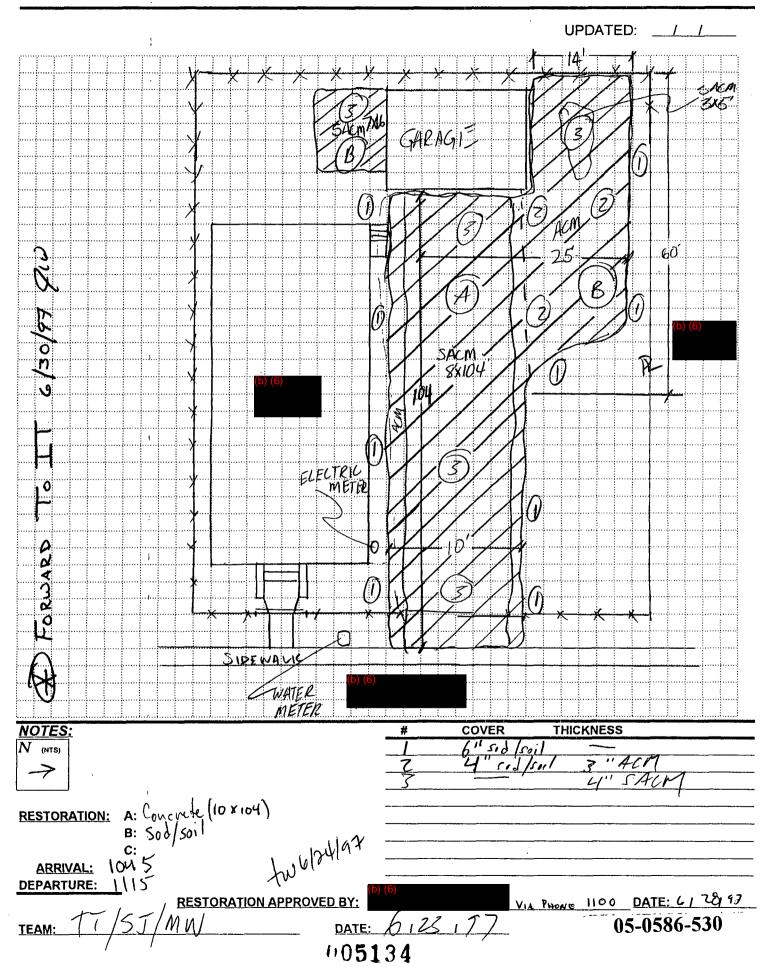
05-0586-520

005133

TRACKING # 586

SITE SKETCH

ADDRESS:



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE# _586	ADDRESS: (b) (6)	
•	Gretna. LA	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Analytical Results received 8-6-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

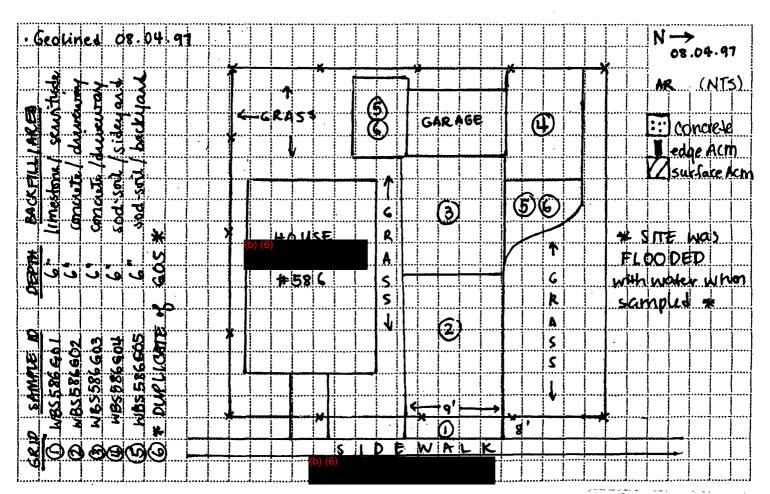
GRID#: 1 2 3 4 5 6

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:

GOS

8



05-0586-560

Jost & Chier of

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Pax (317) 570-5894

EMSL

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Wednesday, August 06, 1997

Ref Number: IN97721

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>aspestos</u> % type	%	<u>NONASBES</u> FIBROUS		NONFIBROUS
WB8244G01) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite				Quarts Other
WB8244G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	1			Guartz Other
WB\$557G01		Brown Non-Fibrous Hornogeneous	Crushed	None Detected	· 			Guartz Other
WB8586Q01		Brown Non-Fibrous Homogeneous	Crushed	None Detected				b Quartz 6 Other
WB\$586G02		: Brown Non-Fibrous : Homogeneous	Crushed	None Detected			-	6 Quartz 6 Other
WB8586Q03		Brown Non-Fibrous 'Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite				6 Quartz 6 Other

Comments: For all obviously heterogeneous samples exally separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contein exbestos. Thus registive PLM results cannot be guaranteed. Ploor title and wipps should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMBL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze tayered samples.

Analysis performed by EMSL of indianapolis (NVLAP Air and Bulk #200168-0).

05-0586-570



EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMISL

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Wednesday, August 06, 1997

Ref Number: IN97721

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	_ APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	%	<u>NONASBES</u> FIBROUS	TOS % NONFIBROUS
WB8555G04	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlle		_	40% Quartz 60% Other
WB8586Q05		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			40% Quartz 60% Other
WB8686G06		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	; 	·	40% Quartz 60% Other
WESSETON		Brown Non-Fibrous Homogeneous	Crushed	None Detected	i		46% Quertz 55% Other
WBS667002		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		•	40% Quartz 80% Other
G03		Brown Non-Fibreus Homogensous	Crushed	< 1% Chrysotile < 1% Crockdolite	į		40% Quertz 60% Other

Comments: For all obviously haterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Anglyst

Approved Signatory



Disclaimers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Ploor likes and wipes should be tested with either SSM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approve by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one significant to be valid. Laboratory is not responsible for the accuracy of requits when requested to physically separate and enalyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bult #200189-0).

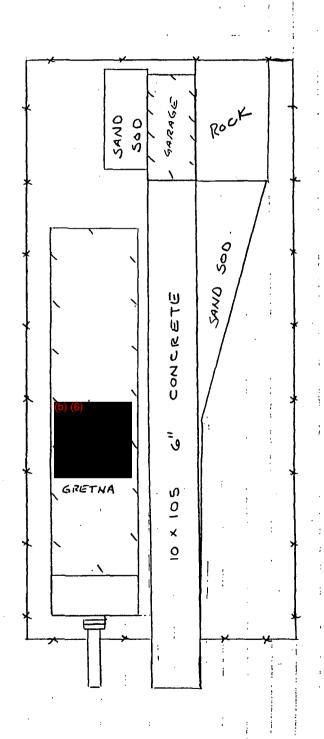
05-0586-570



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J

Ву_ <i>РМ</i>	Date 8-5-97	_Subject_	RESTORATION	SItE	586	Sheet No of	_
Chkd By	Date					Proj. No.	

REVISED 8-8-97 AS PER USEPA T.W.



05-0586-590

005138

WESTBANK ASBESTOS ABATEMENT

SUB 1 SIGNATURE

SUB 2 SIGNATURE

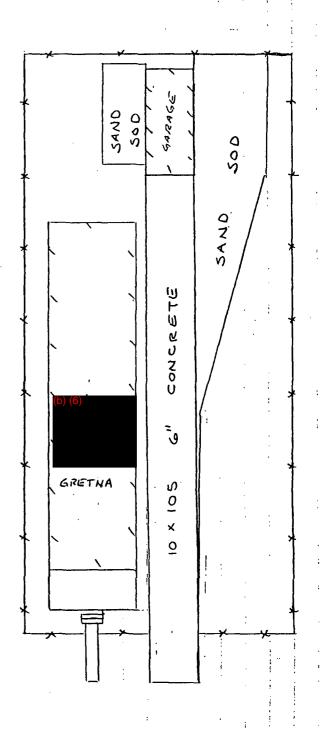
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05-0586-590

SITE# 586

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
ock Installation (sq.yds.)					35. ^{5<u>0</u>}		
od Installation (sq.yds.)					78, ^{5<u>9</u>}		
' Concrete Installation (sq. yds.)					116.50		
' Concrete Installation (sq. yds.)							
and Installation (sq.yds.)					114.00		·
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)					10 .≌		
and (cu.yds.)					27. <u>°°</u>	,	
oncrete (cu.yds.)					19. ⁵²		
lastic Edging (ft.)							
/alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)						١	
XTRA							:
	Site Ske	tch on E	ack of P	age			
COMMENTS:							
		J. 11. L. 11. V. J. T. T. T. T. T. T. T. T. T. T. T. T. T.					·
T REPRESENTAȚIVE SIGNATU	RE						





05-0586-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

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SITE# 586

	DATE	DATE	DATE	DATE	ECT	ACTUAL	· ^CT
					EST. QTY.	QTY.	ACT.
ock Installation (sq.yds.)							
od Installation (sq.yds.)					114.00		
Concrete Installation (sq. yds.)					116.50		
Concrete Installation (sq. yds.)			,				
and Installation (sq.yds.)					114.00		
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)							-
and (cu.yds.)					36.°º		
oncrete (cu.yds.)					19.50		
lastic Edging (ft.)							
alkway Rock Inst. (sq.yds.)						-	
opsoil (cu.yds.)							
XTRA							
	Site Ske	tch on E	Back of F	'age			
COMMENTS:					····		~~~~

							····
T REPRESENTATIVE SIGNATU	RE						·
SUB 1 SIGNATURE						05-0586-59	0 -

005141

SUB 2 SIGNATURE

# of ADVF's Requested 2	Parish # 1340	Source #	rokij for	ADVF#	11295		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED)		
II. FACILITY INFORMATION		Contact: Joh	n Martin				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270				
Mailing Address: 1445 Ross Ave							
City: Dallas		State: TX		Zip: 75202			
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008			
Address: 113 Ondine Lane							
City: Slidell		State: LA		Zip: 70456			
Contact: Gerald Avery		Telephone: 5	04-646-0039				
OTHER OPERATOR:		DEQ Project	Designer #:				
Address:							
City:		State:		Zip:			
Contact:		Telephone:					
III. TYPE OF OPERATION (CIRC	LE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno		
IV. IS ASBESTOS PRESENT? (CI	ACLE ONE) YES NO	Inspection Date: Jan Apr. 1996					
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 610685					
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or room number)					
Building/Component Name: Home (#5	86)	Fire Marshall Project #:					
Street Address: (b) (6)							
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson			
Site Location: On side of house		Telephone: N	IA				
Building Size: NA	# of Floors: NA	Age in Years: NA					
Present Use: NA		Prior Use: Na	A				
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF		
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement		
		Cat I	Cat II	UNIT			
Pipes				Ln Ft:	Ln m:		
Surface Area				Sq Ft:	Sq m:		
Vol RACM off Facility Component				Cu Ft:	Cu yds: 16		
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///	1/86	Complete: 2	121/96		
IX. SCHEDULED DATES DEMO/RENOVA	Start: (//	1/96	Complete: / z	121/96			

Excavation of residential proper	NNED DEMOLITION OR RE	ENOVATION WORK AND METI tion techniques.	HOD(s) TO BE USED:				
OF ASBESTOS AT THE DEM	OLITION AND RENOVATION	NEERING CONTROLS TO BE US DN SITE: nissions for engineering control. A					
XII. WASTE TRANSPORTE	R #1						
Name: Quality Contractors	⁶ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan				
Address: 113 Ondine Lane	Address: 113 Ondine Lane 685 Bridge City Avenue						
City: Slidell Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777				
WASTE TRANSPORTE	R #2						
Name: B & S Equipment Co., I	inc.	Contact Person: Billy Ryals					
Address: 1713 Winchester Place	è						
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091				
XIII. WASTE DISPOSAL SIT	E:						
Name: Jefferson Parish Landfil	ll (Kelvin Landfill)		·				
Location: 5800 Avondale 90 W	'est						
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244				
XIV. IF DEMOLITION ORDE	ERED BY A GOVERNMENT	AGENCY, PLEASE IDENTIFY	THE AGENCY:				
Name:		Title:	Authority:				
Date of order (MM/DD/YY)		Date ordered to begin (MM/DI	D/YY)				
XV. FOR EMERGENCY REI	NOVATIONS						
Date and hour of emergency (M	M/DD/YY):						
Description of the Sudden, Unex	xpected Event:						
Explanation of how the event ca	used unsafe conditions or would	d cause equipment damage (or an t	unreasonable financial burden):				
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS Crew will use wet methods to co	MATERIAL BECOMES CRUMBLED	ENT THAT UNEXPECTED ASBESTOS D, PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY OWDER.				
XVII. I CERTIFY THAT AN INDIVII 61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHED	OUAL TRAINED IN THE PROVISIO ON-SITE DURING THE DEMOLITI D BY THIS PERSON WILL BE AVA	ONS OF THIS REGULATION (LAC 33:III ION OR RENOVATION AND EVIDENCE ILABLE FOR INSPECTION DURING NO	ORMAL BUSINESS HOURS.				
		(Signature of Owner/Open					
XVIII. I CERTURY THAT THE ABOV	'E INFORMATION IS CORRECT.	Just 2 Holy	La 10-12-96				
		(Signature of Owner/Oper	rator/Contractor)				

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE #: 586		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		
SKETCH OR COMMENTS:		
NoAcm		
TEAM MEN	MBERS: MTL/P	PLL

05-0586-540

37

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee: (b) (6)
Address: Grefna, LA, 70053
Phone No.: (b) (6)
Owner Name Address and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no: don't know If yes, note on site sketch. How deep?
Site Sketch: 4-Plex House Aum 104 House (b) (6)
Estimated Volume of ACM:
Comments: Linestone
Date/Time of Interview: 10/// // // Access Granted (circle): yes; no
Team Members: KJ/K5

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	<i>b)</i> (0)			
Property's Address:(6) (6)		Gretna	LA , 70053	
State/Zip: LA, 70053	Phone Number(s):	(b) (6)		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SIGNATURE



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	4)-Plex House & Diagonal Diago		
1	House S S S S		
<u> </u>		(b) (6)
	# Housie		
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y -	SACM SILVE		
	(b) (c)		
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NOTES:	(b) (6) # COVER	THICKNESS	
N (NTS)	6"s od/so 7. 7" sod/so	11 3" ACM	1
K	7 7" sod (so	3" ACT	7
	<i>V</i>		1
RESTORATION: A: Cor	ionetre		
B : ≤0			0505 520
C: Lon	-store /w//24/97 (b) (6)	<u> </u>	0587-530
ARRIVAL: \\ \3	W/ () (6)		
DEPARTURE: 1 NO	RESTORATION APPROVED BY:) b DAT	re: 6125,97
/ (7	MESTURATION APPROVED DI.	more / UA	16. 4 1071 1
TEAM: $TT/5J$	005147	IT 6/25	

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

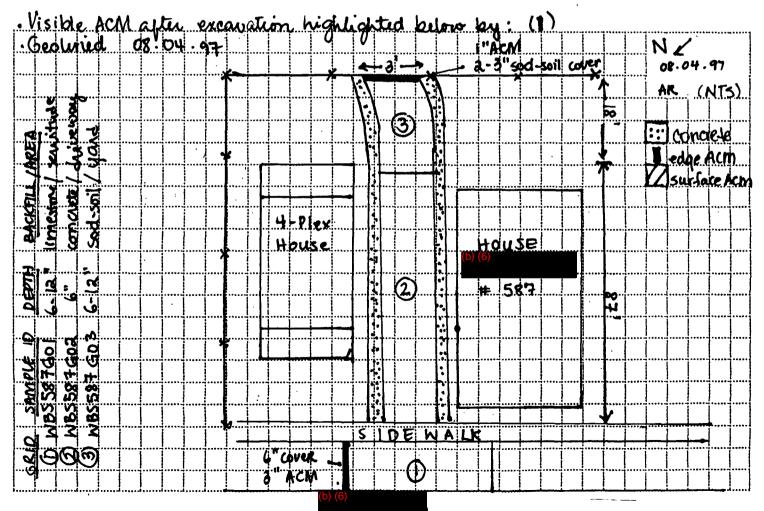
FYI:	•	
SITE# 587	ADDRESS: (b) (6)	
	Gretna LA	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Analytical Results received 8-6-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 5 6 7 8

A. PROCEED WITH RESTORATION: \(\sqrt{\sq}}}}}}}}}}}} \end{\sqrt{\sq}}}}}}}}}}} \sqirat{\sqrt{\sint{\sint{\sint{\sint{\synt{\sq}}}}}}}}}}} \end{\sqrt{\sintita



AUTHORIZED EPA/START REPRESENTATIVE Josy 7- thres. J.

05-0587-560

EMSL Analytical, Inc. Indianapolis, Indiana 46250

6330 East 75th Street, Suite 152 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Wednesday, August 06, 1997

Ref Number: IN97721

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

Sample	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	<u>NONASBES</u> FIBROUS	 NONFIBROU
WB8586G04	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlie	1		Quartz Other
WB8586G05		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			Quartz Other
WB8588G06		, Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		·	Quartz Other
WB35570		Brown Non-Fibrous Homogeneous	Crushed	None Detected	i		Quartz Other
Wesserton 2		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottle			Quartz Other
WB\$587083	<u> </u>	Brown Non-Fibrous Homogensous	Crushed	< 1% Chrysotile < 1% Crocidolite		·	Guertz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also enalyzed by ELAP 198-1 Method

Jane Wasliewski **Analyst**

Signatory



Disclaimers: PLM has been known to mise sebestors in a small percentage of samples, which contain asbestor. Thus negative PLM results cannot be guaranteed. Ploor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approved by EMSL. This above test must not be used by the citem to other product endorsement by MNLP nor any agency of the United States Government. At "WYLP" reports with NYLP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NYLP Air and Bulk #200158-0).



 By PM Date 8-5-97 Subject RESTORATION SITE # 587 Sheet No.
 Sheet No.
 Of ______

 Chkd. By _____ Date ______
 Proj. No.

GRETNA SIDE WALK ROCK . 05-0587-590

005150

WESTBANK ASBESTOS ABATEMENT

: SUB 1 SIGNATURE

SUB 2 SIGNATURE

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05-0587-590

SITE# 587

	DATE	DATE	DATE	DATE			
<u>-</u>		. ,•			EST.		ACT.
Г					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					31.50		
Sod Installation (sq.yds.)					8.00		
6" Concrete Installation (sq. yds.)	,				30.50		
4" Concrete Installation (sq. yds.)			\$ 4 \$				ļ <u></u>
Sand Installation (sq.yds.)					8'≈		
Lower Lift Sand							
Rock, Brown (cu.yds.)						,	_
Rock, Gray (cu.yds.)					10.00		_
Sand (cu.yds.)					2.00		
Concrete (cu.yds.)					5.*2		
Plastic Edging (ft.)							·
Walkway Rock Inst. (sq.yds.)		,					
Topsoil (cu.yds.)							
EXTRA		<u> </u>					<u> </u>
	Site Ske	etch on E	Back of F	Page			
COMMENTS:							
		,					
IT REPRESENTATIVE SIGNATU	RF						

# of ADVF's Requested 1	Parish # 1340	Source #	KOKM FOR	ADVF#	112195	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED)	
II. FACILITY INFORMATION		Contact: John Martin				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270			
Mailing Address: 1445 Ross Ave						
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane						
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:			
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno						
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) NO Inspection Date: Jan Apr. 1996						
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:	610685		
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)			
Building/Component Name: Home (#5	87)	Fire Marshal	l Project #:			
Street Address: (b) (6)						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n	
Site Location: On side of house		Telephone: N	ĪΑ			
Building Size: NA	# of Floors: NA	Age in Years	: NA			
Present Use: NA		Prior Use: N	A			
VI. PROCEDURE INCLUDING ANASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF	
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement	
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component	٠			Cu Ft:	Cu yds: 6	
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: 11/1/	196	Complete: (2	121/96	
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: ///	196	Complete: 12	121/96	

NOTIF	ICATION OF DEMOLITION A	AND RENOVATION FORM (c	ontinued)
X. DESCRIPTION OF PLA	ANNED DEMOLITION OR REN erties utilizing standard construction	NOVATION WORK AND METH	
OF ASBESTOS AT THE DEM	PRK PRACTICES AND ENGINE MOLITION AND RENOVATION Wet methods and no visible emis	V SITE:	
XII. WASTE TRANSPORTE	IR #1		
Name: Quality Contractors	⁵ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan
Address: 113 Ondine Lane	n 685 Bridge City Avenue		
City: Slidell Bridge City	State: LA	Zip: 70458 "3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	iR #2		
Name: B & S Equipment Co., 1	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	ïE:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	THE AGENCY:
Name:		Tide:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD)/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	(M/DD/YY):		
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	aused unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS Crew will use wet methods to co	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED, control any visible emissions.	VT THAT UNEXPECTED ASBESTOS IN PULVERIZED, OR REDUCED TO POV	S FOUND OR PREVIOUSLY WDER.
61, SUBPART M) WILL BE	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION D BY THIS PERSON WILL BE AVAIL	N OR RENOVATION AND EVIDENCE	THAT THE REQUIRED TRAINING
		Signature of Owner/Opera	ator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	/E INFORMATION IS CORRECT.	(Signature of Owner/Opera	10 - 12 -96 ator/Contractor)

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

00**5153**

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/48 SITE#: 587		ADDRESS:	(b) (6) Cerefue
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
•	/		
	/		
	/		
Acm			
6/4			
/			

TEAM MEMBERS:

MTL/PLL

05-0587-540

FIELD DATA SHEET 1

Site Information: Of frayer
Occupant: Our Covenant Pentacostal Church Interviewee:
Address: 1615 O'Conner St. Gretna La 70053
Phone No.: N/A 504-263-2678, 504 362-7074 - Disconnected.
Owner Name, Address, and Phone No. if Different Than Occupant. St. Part Spiritual Church Occ. of God (b) (6) Contact: Fanny Williamson (b) (6) (b) (6) (c) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: Our Governant Pentecostal chunch N 1615 ALM 9'.21' ALM 3x1' Estimated Volume of ACM: Comments:
Comments:
Date/Time of Interview: Access Granted (circle) yes; no
Team Members: 05-0588-510

Tracking	#:	588	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Ov	vner's Nam	e: FAN	NY WILLIAMS	, Overseer
Property Ad	dress:16	5 0%	NNER	
State/Zip:	GRETNA	70053	Phone Number(s) -504- 363-7074 - discounder
•				504-263-2678

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

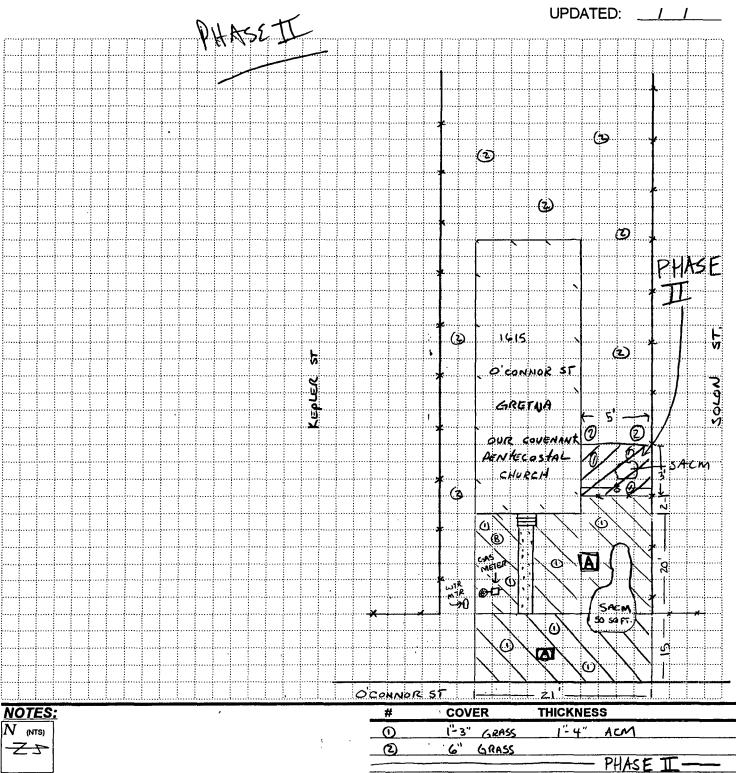
- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12/15/97 DATE Flerence 1. W. Brame)
SIGNATURE

05-0588-520



RESTORATION: A: LIME STONE

C:

ARRIVAL: DEPARTURE:

RESTORATION APPROVED BY: DLW 1/5/98 FANNIE WILLIAMSON DATE: 1/12 198

1" Grass

L" Frass

1-4" ACM

05-0588-530

DATE: 05157 97 97 9 TO IT 1/13/78 TEAM: MD, PM

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

		1			GR. LA		``
SITE#	588	' 3] 		ADDRESS:	1615 0'C	Dunor 54.	- : ii. :
			:		e e e		
FYI:		•		•			٠.

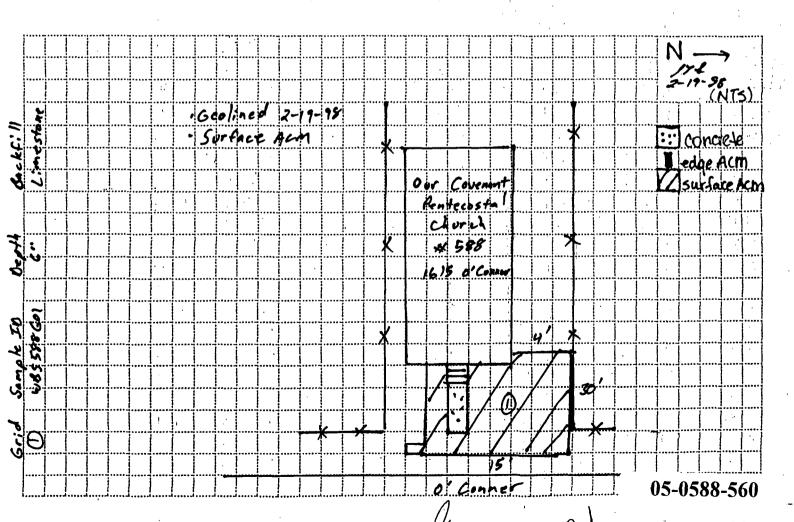
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 27598

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPASTART REPRESENTATIVE 158 Majory Ray

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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FYI:													•	741	2				
SITE# -	58	8		-				AD	DR	ESS:	_1	615	0	(con	nor	S f .	Gr	•	
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ACTION:	n an b	Y PLD	571110	GRID		1	2		3	4		5	6		7	8			
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AUTHORIZED EPA/START REPRESENTATIVE (105159

19/2 fg 11/2

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Jody Shires

Ecology & Environment 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Tuesday, February 24, 1998

Ref Number: IN98502

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

ı	SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>asbestos</u> % type	<u>Nonasi</u> % Fibrous	<u>BESTOS</u> % NONFIBROUS
	WBS1644G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite		78% Quartz 20% Other
	WB\$588G01	1615 O'Conner St,GR	Brown Non-Fibrous Homogeneous	Crushed	1% Chrysotile 1% Crocidolite		78% Quartz 20% Other
_ ′	WB51740G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other
,	WBS1740G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other
	WB\$1676G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other
	WBS1676G02		Brown Non-Fibrous Hornogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	Annual Control of the	80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately, Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Note: SAMPLES WITH ** HAVE NO MASTIC

Analyst

Signatory

05-0588-570



Disclaimers: PLM has been known to miss esbestos in a small percentage of samples which contain exbestos. Thus negati be guaranteed Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the its may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produced WVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one a Leborstory is not responsible for the accuracy of results when requested to physically separate and analyze leyered compiles. Inalysis performed by EMSL of Indianapolis (NVLAP Air and Bujk #200188 0)

EMSL Analytical, Inc.

Attn.: Amanda Loone Ecology & Environment, inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

2501 Central Pkwy. C-13 Houston, TX 77092

Phone: (713) 686-3635



Thursday, December 03, 1998

Ref Number: TX985404

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601-WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS X TYPE	Nonasrei % Fibrous	ETOS % NONFIBROUS
W882025G01	(b) (6)	Brown Fibrous Homogeneous	Teased	3% Chrysotile 2% Amosite		95% Other
WB 8569 G02	1815 O'CONNOR ST., GR.	Brown Fibrous Homogeneous	Teased	< 1% Chrysotile		100% Other
WBS726G01	(b) (6)	Brown Fibrous Hornogeneous	Teased	< 1% Chrysotile		100% Other
WB\$726G02		Brown Fibrous Homogeneous	Teased	5% Chrysotile 3% Amasite		92% Other
WB\$1816G01		Brown Fibrous Homogeneous	Tuesed	< 1% Chrysotile		100% Other
WB\$1914Q01		Brown Fibrous Homogeneous	Tessed	2% Chrysotile		\$8% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is enalyzed separately. Also, "# of Layers" refers to number of separable substimples.

* NY samples also analyzed by ELAP 198-1 Method

Arthur Hernandez, Jr. Analyst i

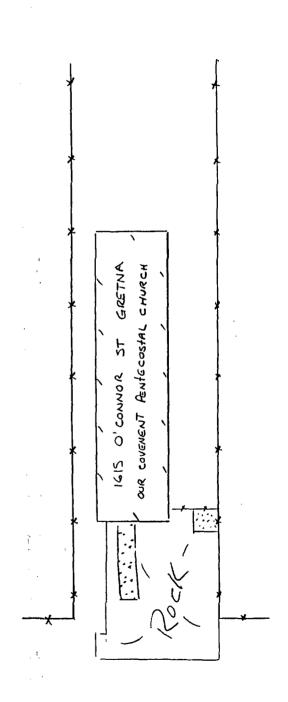
Äpproved Signatory

05-0588-570





By_PM	Date_	2-20-98	_Subject_	RESTORATION	SILE #	.5 8 8	Sheet Noof
Chkd By	Date						Proi. No.



05-0588-590

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

RESTORATION FORM

SITE# 588

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					48.9		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)	·				15.82		
Sand (cu.yds.)	·						
Concrete (cu.yds.)					•		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							·
	Site Ske	tch on B	Back of F	Page			
COMMENTS:							
IT REPRESENTATIVE SIGNATU SUB 1 SIGNATURE	IRE					05-0588-5	90
		<u>n(</u>	15163			•	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/31/98 SITE #: 588		ADDRESS: 1615 O'Conner St, G1
ACM LOCATED BENEATH:	HOUS	SE yard
APPR. CRAWL SPACE HEIGHT:	12'	
DESCRIPTION OF ACM:	CHUN POW SLAB	DER
PERCENT OF AREA (ACM)	215	
SKETCH OR COMMENTS:		
1615 O'CONNET		wa platien
Concept	ZWW.	
O'CONNER ST	Ź	

TEAM MEMBERS:

DA/ML

05-0588-540

Tracking Number	589
-----------------	-----

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: Gretna, LA, 70053
Phone No.: (b) (6)
Owner Name Address and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other works resolution:
3) Underground utilities installed by owner? (circle) water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't-know If yes, note on site sketch. How deep?
Site Sketch:
(b) (6) (Aury)
(b) (6)
Estimated Volume of ACM:
Comments: Dut gross
Date/Time of Interview: 10/11 15:30 Access Granted (circle): yes; no
Team Members: Codull Johnson Storting

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name	e:	•
Property's Address:	. Gret	14
State/Zip: LA, 70053	Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

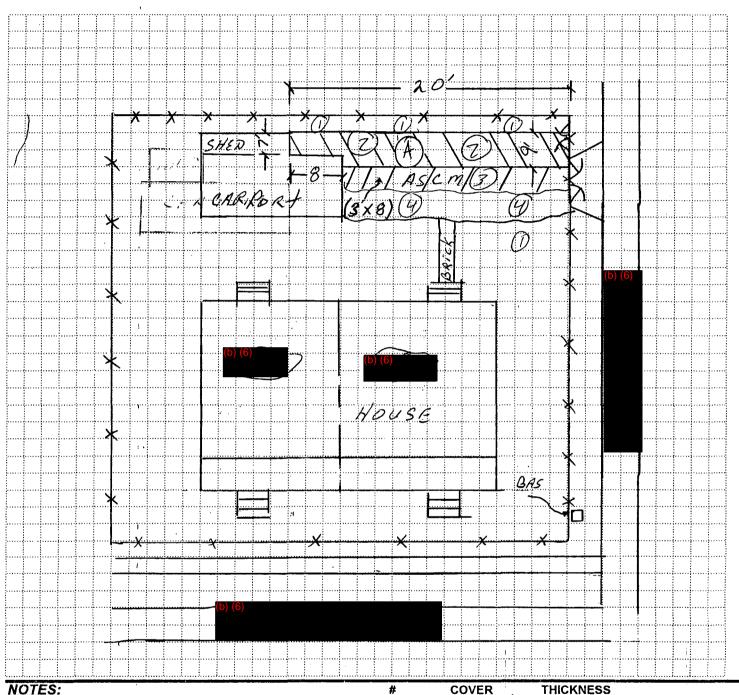
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10 11 9 (9 DATE SIGNATURE

UPDATED: 66123197



NOTES: N (NTS)

RESTORATION: A: Soil/Sod

C: ARRIVAL: 12 1/5 DEPARTURE: 13 28

RESTORATION APPROVED BY: TEAM: T-T/S, J./m.w.

05-0589-530

DATE: 6,23,97

OF 6/25

b" soil sod Z" soil sod

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

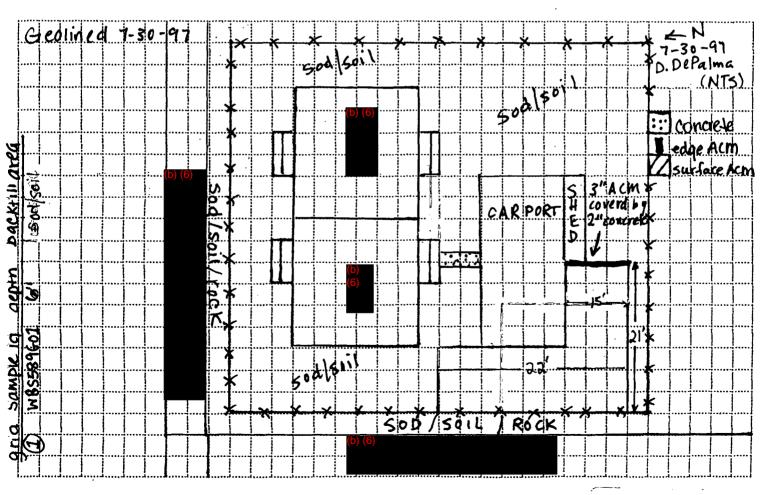
FYI:			
SITE#	589	ADDRESS: (b) (6)	
		Gretna. La	_

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical as of 1-30-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:



AUTHORIZED EPA/START REPRESENTATIVE John 7- Shires J.

05-0589-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Friday, August 01, 1997

Ref Number: IN97668



Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASBESTO	· s _e - 11 a. (j. 1142) 28
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	% Fil	ROUS 9	NONFIBROUS
WBS965G03) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottle < 1% Crockdolite			0% Quartz 0% Other
WBS589G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crockdolite			0% Quanz 0% Other
WB\$602G01		Brown/Grey Fibrous Heterogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		8	0% Quartz 0% Other
WBS141G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected	A service of the serv	4	0% Quartz 0% Other
WBS141G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected			0% Quartz 0% Other
WBS141G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	i i i i i i i i i i i i i i i i i i i		0% Quartz 0% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Disclaimen: PLM has been known to miss exhestes in a small percentage of samples which contain exhetor. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the scarge; of results when requested to physically separate and analyze byward samples.

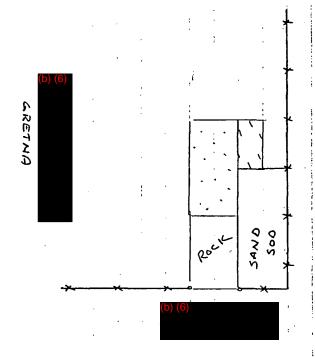
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Ву_ <i>РМ</i>	_Date_ <i>7-31-97</i>	_Subject	RESTORATION SITE	# 589	Sheet Noof	
Chkd By	Date				Proj No	

REVISED 8-11-97 AS BER USACE J.M.



171600005170

05-0589-590

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

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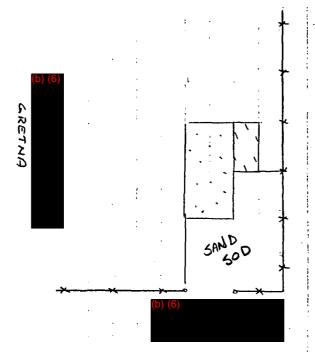
SITE# 589

	DATE	DATE	DATE	DATE			
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ock Installation (sq.yds.)					15. ≌		
od Installation (sq.yds.)					27.00		
Concrete Installation (sq. yds.)							
Concrete Installation (sq. yds.)							
and Installation (sq.yds.)					27 °		
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)					5.0		_
and (cu.yds.)					الم الم		
oncrete (cu.yds.)							
lastic Edging (ft.)							
/alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)							- -
XTRA						<u> </u>	<u>:</u>
	Site Ske	etch on E	Back of P	age			
COMMENTS:					**************************************	·	
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T REPRESENTATIVE SIGNATU	RE				:		······································
SUB 1 SIGNATURE				05171		05-0589	9-590



of	

Date 731-97 Subject RESTORATION SITE # 589 Sheet No._ Chkd. By _____ Date. Proj. No. -



05-0589-590

WESTBANK ASBESTOS ABATEMENT

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SITE# 589

	DATE	DATE	DATE	DATE			
•			<u></u>	***************************************	EST. QTY.	ACTUAL QTY.	ACT.
Took Installation (no. vda.)							
Rock Installation (sq.yds.)							
God Installation (sq.yds.)				1	42.50		
5" Concrete Installation (sq. yds.)							
1" Concrete Installation (sq. yds.)			:				
Sand Installation (sq.yds.)					42.5º		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							_
Sand (cu.yds.)					12.00		-
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						•	
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of F	Page			
COMMENTS:						•	
				·····			
IT REPRESENTATIVE SIGNATU	RE				:		
SUB 1 SIGNATURE		· · · · · ·				05-0589	-590

005173

SUB 2 SIGNATURE

NOTIFICATION OF	DEMOLITION AND RE	NOVATION	FORM FOI	RM AAC-2 REV	5/12/95
# of ADVF's Requested 1	Parish # 1340	Source#		ADVF#	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)
II. FACILITY INFORMATION		Contact: Joh	n Martin		
OWNER NAME: U.S. EPA Region 6		Telephone:	214-665-2270		
Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7800008	•
Address: 113 Ondine Lane					
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone:	504-646-0039		
OTHER OPERATOR:		DEQ Projec	t Designer #:		
Address:				-	
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency 1	Reno
IV. IS ASBESTOS PRESENT? (CI	ACLEONE) YES NO	Inspection D	ate: Jan Apr.	1996	
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's	Accreditation #:	610685	
V. FACILITY DESCRIPTION (In	clude building name, numb	per, and floor o	r room number)	1	
Building/Component Name: Home (#5	589)	Fire Marsha	ll Project #:		
Street Address (b) (6)					
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n
Site Location: In back of house		Telephone: 1	NA		
Building Size: NA	# of Floors: NA	Age in Year	s: NA	- 4	
Present Use: NA		Prior Use: N	A		
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampl	ALYTICAL METHOD IF a long - EPA Method 600/R-93	APPROPRIAT 3/116	E, USED TO D	ETECT THE PR	ESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material No Removed		Indicate Unit N Below	l easurement
		Cat I	Cat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 1
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: //	1/96	Complete: / 2	2/21/86
IX. SCHEDULED DATES DEMO/RENOVA	ATION (MM/DD/YY)	Start:	7/86	Complete:	2/21/96
		0051	74	05-0	589-550

X. DESCRIPTION OF PLA Excavation of residential proper	ANNED DEMOLITION OR RENerties utilizing standard construction	NOVATION WORK AND METH ion techniques.	IOD(s) TO BE USED:
OF ASBESTOS AT THE DEM	MOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: issions for engineering control. A	
XII. WASTE TRANSPORTE	3R #1		
Name: Quality Contractors	⁷³ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	685 Bridge City Avenue		
City: Slidell ¹³ Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	3R #2		
Name: B & S Equipment Co., I	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	:e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	ſE:		
Name: Jefferson Parish Landfil	ill (Kelvin Landfill)		
Location: 5800 Avondale 90 W	Vest		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	AGENCY, PLEASE IDENTIFY T	THE AGENCY:
Name:	. !	Title:	Authority:
Date of order (MM/DD/YY)	!	Date ordered to begin (MM/DD)/YY)
XV. FOR EMERGENCY REI	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		•
Description of the Sudden, Unex	xpected Event:		
Explanation of how the event ca	used unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS L PULVERIZED, OR REDUCED TO POV	IS FOUND OR PREVIOUSLY WDER.
Crew will use wet methods to co			
		IS OF THIS REGULATION (LAC 33:III. IN OR RENOVATION AND EVIDENCE LABLE FOR INSPECTION DURING NO	
		(Signature of Owner/Opera	ator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	/E INFORMATION IS CORRECT.	Juda - Holy	10-12-16

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98 SITE #: 589		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		·
SKETCH OR COMMENTS:		
NO NO MARIONALISTA DE LA CONTRACTIONALISTA DEL CONTRACTIONALISTA DEL CONTRACTIONALISTA DE LA CONTRACTI		
FOND I		
TEAM MEN	MBERS: $\triangle AI$	IML

05-0589-540

Tracking Number	590
Tracking Trainioci	

FIELD DATA SHEET 1

Occupant: (b) (6)	Interviewee: (b) (6)
Address:	Gretna, LA, 70053
Phone No.:	
Owner Name, Address, and Phone No. is (b) (6)	Different Than Occupant:
Site Description:	
Description of property (circle): single vacant house; vacant lot; other	ngle home; duplex; business; school; daycare; church;
2) Problems accessing yards (circle): resolution:	ocked gate; gate; dogs; other <u>fence</u>
3) Underground utilities installed by own septic tank; other	
4) Is any underground ACM present? (ci	
Site Sketch:	
	Acm Howe Hove Hove
The state of the s	(b) (6)
Estimated Volume of ACM:	
Comments: Par Cars +DPS	round foundation of house
Date/Time of Interview: 10/19/9(

Team Members: Otrodes

o) (6)

recycled paper ecology and environment

WESTBANK ASBESTOS SITE

	(b) (6)	c - 100 dll	(b) (6)	
Property Owner's Name:				
Property's Address: 6 (6)				_
State/Zip: Gretna	Phone Number(s):	(b) (6)		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination,
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE

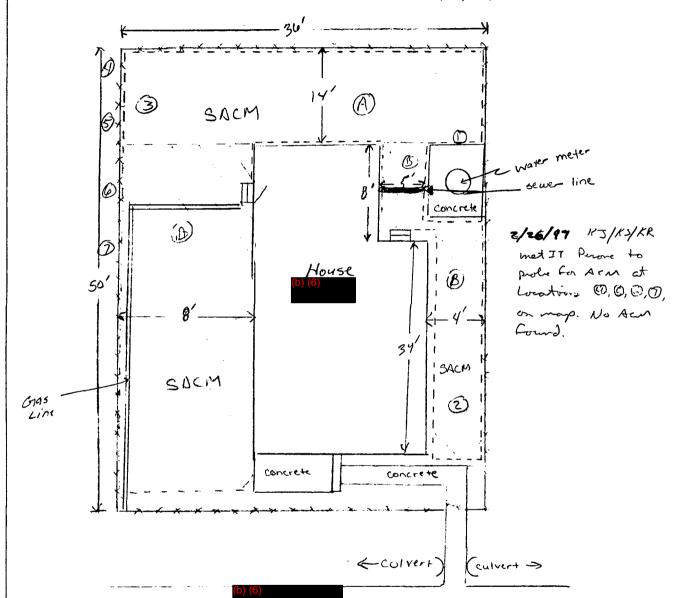
SIGNATURE

RE 1

W_{NTS}

No. 5505 Engineer's Computation Pad 3/12/97 - USACOE White handled homeowner on restandin

Resturation Approved by : ____



SACM = Surface ACM # cover drpt L

(2) 0" 3"

(3) 0" 3"

Removal & Restoration

**Area(A) - remove all visible not to

everal Afoot, geoling,

Soil/sod

Area B-remove to links, sealing, concrete

Entire yard Swyad ACM, - No do way or printy

05-0590-530

Toll3/97 - USACOE white spoke to homeowner who works soil/rob from back corner of the house to fence ince and concerte along but with of the house

See Note (over)

005179

Alexand M

78/05/2

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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Reed (05-

05-0590-560

7136863645

EMSL TEXAS

PAGE 02

Placecaves, MI

Caste Places, 37 144775)

212-226-2002

Bastrie, WA

111465415

418-479-5483

Smyrks, CA #4 223 (FR)

110-197-1497

713-008-3038

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Thursday, February 27, 1997

Ref Number: 1X97614

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBESTOS		<u>NONASBESTOS</u> FIBROUS % NONFIBRO	eus.
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%		-
WB\$154GO4	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		100% Other	
WB\$154GO5		lTan Non-Fibrous Homogeneous	Teased	3% Chrysottia < 1% Crosidolita	!	97% Other	•
WB8154GO3		Tan Non-Fibrous Homogeneous	Tessed	2% Chrysotile < 1% Crockfalite	; ;	98% Other	
WB8590GO1		Tan Tan Non-Fibrous Homogeneous	Tessed	2% Chrysotile < 1% Crockdolite	;	98 % Other	
WB85903O2		Ten Non-Fibrous Homogeneous	Tessed	< 1% Chrysotile	· ;	100% Other	
1	· · · · · · · · · · · · · · · · · · ·	*1 #1 41) h	i	0	

Comments: For all obviously heterogeneous samples eavily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas **Analyst**

Approved Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of campies which contain asbestos. Thus negative PLM results cannot be guaranteed. Ploot tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the dama feeted. This report may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP togo must contain at least one algosture to be valid, (aboratory to not responsible for the accuracy of results when requested to physically separate and analyse layered samples.



51M

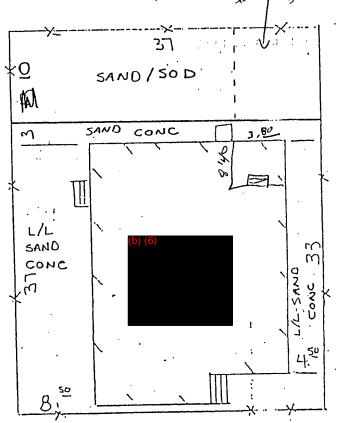
By PM	Date <u>Z-28-97</u>	-Subject	RESTORATION	SIE	#£	590	Sheet No	of
Chkd. By	_Date	. 					Proj. No	

up date 3-11-97 concrete

- B. □ 37 = 214.
- E 13×37 = 481.00
- © 4.°× 33 = 148.50

TUTAL = 944.00

104,8850.40



GRASS 53-12-97

WESTBANK ASBESTOS ABATEMENT

RESTORATION FORM

SITE# 590

		DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
	RATE				QTY.	QTY.	COMP.
Rock Installation (sq.yds.)	\$6.84/sy						
Sod Installation (sq.yds.)	\$5.15/sy				рм 526. 41.9) -	
6" Concrete Installation (sq. yds.)	\$30.10/sy	······			Set PM		
4" Concrete Installation (sq. yds.)	\$26.40/sy	<u>.</u>				**************************************	
Sand Installation (sq.yds.)	\$4.15/sy				53.5≥		
Lower Lift #1	\$1.16/sy				51,50		
Lower Lift # 2	\$1.16/sy						
Lower Lift #3	\$1.16/sy				:		
Rock (cu.yds.)	\$20.50/cy					•	_
Sand (cu.yds.)	\$12.70/cy				z4.∞		
Concrete (cu.yds.)	N/A				8.50		
Plastic Edging (ft.)	\$1.65/ft						; :
Walkway Rock Inst. (sq.yds.)	\$9.12/Sy			·			
Topsoil (cu.yds.)	\$9.12/cy						

Site Sketch on Back of Page

COMMENTS:						:
_	•			:		
						-
•	TIVE SIGNATURE	• , , ,	•		 05-0590-590	_

X. DESCRIPTION OF PLA Excavation of residential prope	ANNED DEMOLITION OR RENerties utilizing standard construction	IOVATION WORK AND METH on techniques.	IOD(s) TO BE USED:
OF ASBESTOS AT THE DEM	ORK PRACTICES AND ENGINE MOLITION AND RENOVATION g wet methods and no visible emis	N SITE:	
XII. WASTE TRANSPORTE	3R #1		
Name: Quality Contractors	^{#3} Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan
Address: 113 Ondine Lane	^{#3} 685 Bridge City Avenue		
City: Slidell "Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	3R #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	-
Address: 1713 Winchester Place	æ		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	TE:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	D/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	aused unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS I	S FOUND OR PREVIOUSLY
Crew will use wet methods to co			
	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION ED BY THIS PERSON WILL BE AVAIL.		
	•	(Signature of Owner/Opera	ator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	/E INFORMATION IS CORRECT.	and The	2 10-12-8
		(Signature of Owner/Opera	ator/Contractor)

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

# of ADVF's Requested 2	Parish # 1340	Source #	TORUS FUR	ADVF#	/12/95							
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED)							
II. FACILITY INFORMATION		Contact: John	n Martin									
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270	**************************************	-							
Mailing Address: 1445 Ross Ave				······································								
City: Dallas		State: TX		Zip: 75202								
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's I	Liscense #: 26445	DEQ ID #: 7S00008								
Address: 113 Ondine Lane												
City: Slidell		State: LA		Zip: 70456	_							
Contact: Gerald Avery		Telephone: 504-646-0039										
OTHER OPERATOR:		DEQ Project	Designer #:									
Address:												
City:		State:		Zip:								
Contact:		Telephone:										
III. TYPE OF OPERATION (CIRC	LE ONE) Demb	Ordered Demo	Renovation	Emergency I	Reno							
IV. IS ASBESTOS PRESENT? (CI	ACLEONE) YES NO	Inspection D	ate: Jan Apr.	1996								
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	accreditation #:	610685								
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)									
Building/Component Name: Home (#5	90)	Fire Marshall	l Project #:									
Street Address: (b) (6)												
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson								
Site Location: On sides & in back of ho	ise	Telephone: N	IA									
Building Size: NA	# of Floors: NA	Age in Years	: NA									
Present Use: NA		Prior Use: NA										
VI. PROCEDURE INCLUDING AN. ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A ng - EPA Method 600/R-93	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement							
		Cat I	Cat II	UNIT								
Pipes				Ln Ft:	Ln m:							
Surface Area	·			Sq Ft:	Sq m:							
Vol RACM off Facility Component	• .			Cu Ft:	Cu yds: 18							
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: //7	196	Complete: /z	121/86							
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: //	7/96	Complete: / 2	121/96							

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98 SITE #: 590		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=-
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
Manual Ma		
TEAM ME	MBERS: DA/	mc

05-0590-540

Tracking Number	_591
-----------------	------

FIELD DATA SHEET 1

Address: Discription of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other resolution: Owner Solution: Discription of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; dogs; other Note Discription of property (circle): locked gate; gate; d	
Phone No.: Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) Site Description: 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other	
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1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch:	
vacant house; vacant lot; other	
resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: N 2x9	
septic tank; other	
If yes, note on site sketch. How deep? Site Sketch:	
2x9.	
ACM (b) (6) (c) (6)	12'
Estimated Volume of ACM:	
Comments. Coll + coordinate Crushed limestone for drive infront, Rest-sod. Min 10/1	wa 7196
Date/Time of Interview: /0/11/54 Access Granted (circle): yes; no	
Team Members: Pallel / Ophnson/ Starling	
05 0501 510	



CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:
Property's Address:

Deceased) Gretna

State/Zip: <u>LQ. 70053</u> Phone Number(s):

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary,
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

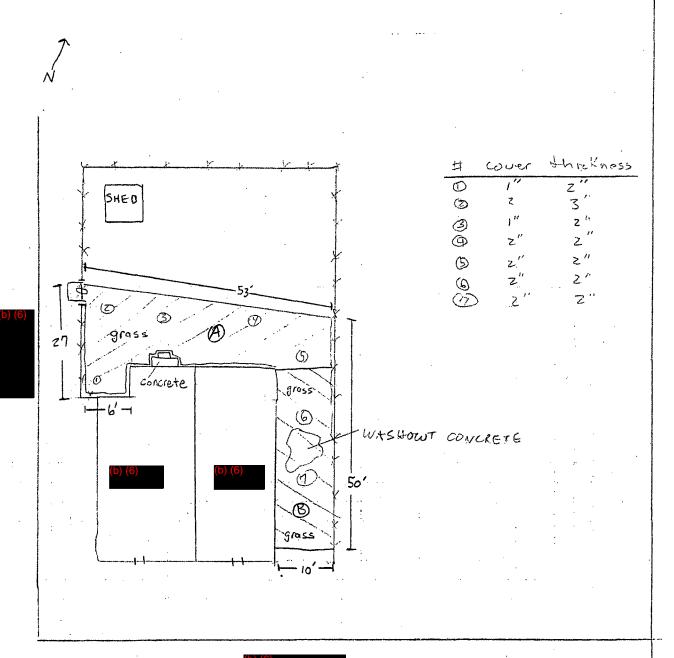
SIGNATURÉ

05-0591-520

005188

No. 5505 Engineer's Computation Pad





(D) (D)

RESTORATION

+ Spoke to Stater of owner (resident 10) (6)
She gave approval to remove Fence to

B LIMESTONE DRIVEWAY acc

access site 590. KJ/TN/MH

1,550 hours 2/5/97 - Squies to resident, approved restaration of limestone in driveway and sold in york oras. - The

Restoration approved by:



05-0591-530

Kalffohnson 2/4/97 OW

88189h

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

F	YI:								•																:								
S	ITE	# =	#	50	91											A	ADI	ORJ	ESS	5: <mark>(b</mark>) (6)												!
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AUTHORIZED EPA/START REPRESENTATIVE ___

05-0591-560

Wystinests, NJ Ple 868-852-860 50

Placetti Villey, II.J MALAK I JESSA Carlo Plays, 97 516-807-7251 Manhartan, N 212-290-0052 Seattle, WA 202-223-2007 Ann Arbor, 107 212-868-6610 Sex Mates, GA 415-070-5401 SHYTER, 64 404325-0006

910-287-1487

713-006-0036

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, March 03, 1997

Ref Number: TX97638

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBI %	STOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS % NONFIBROUS
WBS591G02	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1% Ch	rysatile			100% Other
WBS591G03		Brown Fibrous Homogeneous	Teased		rysotlie		. .	98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr. Analyst

Approved Signatory

- Walter Williams

Disclatmers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approved by EMSL. This above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Leberstory is not responsible for the accuracy of results when requested to physically separate and analyze leyered samples.

ITION AND RENOVATION FORM	
OR RENOVATION WORK AND ME onstruction techniques.	THOD(s) TO BE USED:
ENGINEERING CONTROLS TO BE. VATION SITE: sible emissions for engineering control.	
ors Contact Person: Jerry Avery	И.P. Vaughan
Avenue	
Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777
Contact Person: Billy Ryals	
Zip: 70058	Telephone #: (504) 340-2091
Zip: 70094	Telephone: (504)436-0244
MENT AGENCY, PLEASE IDENTIFY	Y THE AGENCY:
Title:	Authority:
Date ordered to begin (MM/)	DD/YY)
or would cause equipment damage (or a	n unreasonable financial burden):
THE EVENT THAT UNEXPECTED ASBESTO UMBLED, PULVERIZED, OR REDUCED TO	OS IS FOUND OR PREVIOUSLY POWDER.
	Chanter 27 Anneadin A / 40 CED DAD
	OR RENOVATION WORK AND ME construction techniques. ENGINEERING CONTROLS TO BE VATION SITE: sible emissions for engineering control. Ors Contact Person: Jerry Avery Avery Avenue Zip: 70458 **3 70094 Contact Person: Billy Ryals Zip: 70058 Zip: 70094 MENT AGENCY, PLEASE IDENTIFY Title: Date ordered to begin (MM/) or would cause equipment damage (or a

ATTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFK PAK SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS. HAS BEEN

(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

NOTIFICATION OF	DEMOLITION AND RE	ENOVATION	FORM FO	RM AAC-2 REV.5	/12/95	
# of ADVF's Requested 1	Parish # 1340	Source #		ADVF#		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)	
II. FACILITY INFORMATION		Contact: Joh	n Martin			
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270			
Mailing Address: 1445 Ross Ave						
City: Dallas		State: TX	. 	Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane						
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone:	504-646-0039			
OTHER OPERATOR:		DEQ Project	t Designer #:			
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno						
IV. IS ASBESTOS PRESENT? (cr	RCLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996		
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 610685				
V. FACILITY DESCRIPTION (In	clude building name, numb	ber, and floor o	r room number))		
Building/Component Name: Home (#5	91)	Fire Marshall Project #:				
Street Address (b) (6)						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n	
Site Location: On side of house		Telephone: NA				
Building Size: NA	# of Floors: NA	Age in Years: NA				
Present Use: NA		Prior Use: NA				
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF ng - EPA Method 600/R-9	APPROPRIAT 3/116	E, USED TO D	DETECT THE PR	ESENCE OF	
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed Indicate U		Indicate Unit M Below	leasurement	
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component	·			Cu Ft:	Cu yds: 2	
VIII. SCHEDULED DATES ASBESTOS REM	IOVAL (MM/DD/YY)	Start: //	7/96	Complete: /2	121/86	
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: $1/7/96$ Complete: $12/21/96$ Complete: $12/21/96$ Complete: $12/21/96$ 05-0591-5				
	5.00	05,193		0)5-0591-5	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE #: 591		ADDRESS:	(b) (6) (5 vetra
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		:	
SKETCH OR COMMENTS:			
Marken			
TEAM MEM	BERS: MTL	PLL	05-0591-540

005194

WESTBANK ASBESTOS ABATEMENT

recycled paper

SUB 2 SIGNATURE

RESTORATION FORM

05-0591-590

ecolog

NOLA SITE # _____

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
•					QTY.	QTY.	COMP
Rock Installation (sq.yds.)							
Bod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
I" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					¢.	1 4 3	i.
_ower Lift Sand		-			······		
Rock, Brown (cu.yds.)					·		
Rock, Gray (cu.yds.)						8-7-97	10/
Sand (cu.yds.)						600	JA
Concrete (cu.yds.)							<u> </u>
Plastic Edging (ft.)				,			
Valkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)						\$ 2-97	16
EXTRA					0000	10000	JAY
	Site Ske	tch on B	lack of P	age	COME 8-7-9		
COMMENTS: EXTRA S.	PREAD 11	UG SAN	D IN	BACK YA	RR ON TH	15 STE.	
							·
			. <u></u>	····			
IT REPRESENTATIVE SIGNATU	RE	James ;	Harry	8.7.47			
SUB 1 SIGNATURE		July1	Bucero	1 8/3	199 -		

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE# 59/

-	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					· · · · · · · · · · · · · · · · · · ·		
6" Concrete Installation (sq. yds.)			•				
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)			·				
Lower Lift Sand							
Rock, Brown (cu.yds.)			·				
Rock, Gray (cu.yds.)							·
Sand (cu.yds.)					·		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA						1697 23	18
COMMENTS: <u>REPLACED BR</u>		tch on B ಬಂಡಲ್		C	OMPLET	ED	
IT REPRESENTATIVE SIGNATUR	RE .	Jones 7.	San				
SUB 1 SIGNATURE recycled paper	1	Snett.	x Bran	ch Si	6/9/97		
SUB 2 SIGNATURE					ecology	05-0591	-590

005196

WESTBANK ASBESTOS ABATEMENT.

RESTORATION FORM

SITE# 591

A 4		DATE	DATE	DATE			
NOLA					EST.	ACTUAL	ACT.
	RATE				QTY.	QTY.	COMP.
Rock Installation (sq.yds.)	\$6.84/sy	3-21-87 70.50			70, ⁵⁰	70.50	En
Sod Installation (sq.yds.)	\$5.15/sy	3-19-97 80	3-20-97 36		116.00	3.25.97	En
6" Concrete Installation (sq. yds.)	\$30.10/sy						-
4" Concrete Installation (sq. yds.)	\$26.40/sy	14.44			14.44	3-28-27	DM
Sand Installation (sq.yds.)	\$4.15/sy	116.00			116.00	116.00	On.
Lower Lift #1	\$1.16/sy	70.50			70.50	70.50	Em
Lower Lift # 2	\$1.16/sy					· · · · · · · · · · · · · · · · · · ·	
Lower Lift #3	\$1.16/sy	44.47	2				
Rock (cu.yds.)	\$20.50/cy	3-21-97	3-24-97 4.06	- 41/	16.50	3-28-97	Con
Sand (cu.yds.)	\$12.70/cy	3-17-97	3-18-97 32	3.24-97	44.00	3-28-97 50	(Esn)
Concrete (cu.yds.)	N/A						
Plastic Edging (ft.)	\$1.65/ft						. :
Walkway Rock Inst. (sq.yds.)	\$9.12/Sy						. :
Topsoil (cu.yds.)	\$9.12/cy						

Site Sketch on Back of Page

COSTA PTER
4-3 157
4.3-97

COMMENTS:	 	 1	
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IT REPRESENTATIVE SIGNATURE recycled paper

NOLA REPRESENTATIVE SIGNATURE

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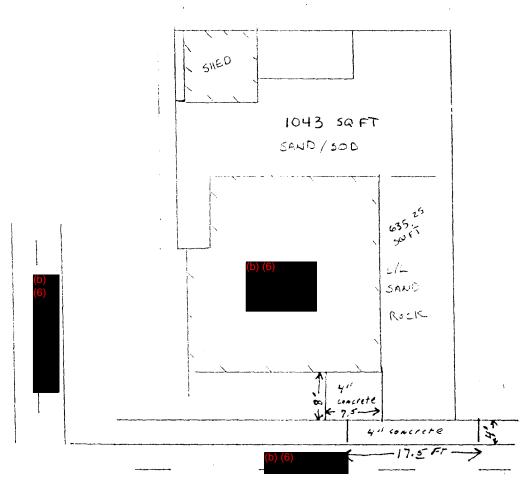
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05-0591-590

005197







EXTERMS

05-0591-590

. . .

Piscataway, NJ 908-981-0550

Carle Place, NY 516-997-7251

Manhattan, NY 212-290-0052

203-233-9007

Ann Arbor, MI 313-663-6810 415-570-5401

San Mateo, CA

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487

Bouston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, March 03, 1997

Ref Number: TX97638

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS				
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE		%	FIBROUS	%	NONFIBROUS
WBS122G08	(b) (6)	Brown	Teased	< 1% Chr	ysotile	,		100%	Other
		Fibrous				•			
		Homogeneous							
WBS122G09		Brown	Teased	< 1% Chr	vsotile			100%	Other
		Fibrous	. 00000	< 1% Cros		1			
		Homogeneous	:			!			
VBS090G02		Brown	Teased	2% Chr	ysotile			98%	Other
		Fibrous		•					
		Homogeneous				4			
WBS090G03	**	Brown	Teased	3% Chŋ	/sotile			97%	Other
	•	Fibrous							,
		Homogeneous							
WBS090G04	-	Brown	Teased	< 1% Chry	/sotile			100%	Other
		Fibrous							
		Homogeneous							
WBS591G01		Brown	Teased	5% Chry	/sotile			95%	Other
		Fibrous	ı	< 1% Croc	cidolite				
		Homogeneous							j

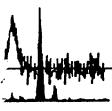
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez,

Analyst

proved Signatory

05-0591-570



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tes only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endor nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

TD 1' NT 1	592
Tracking Number	

FIELD DATA SHEET 1

Site imormation.	
Occupant:	Interviewee: 5 g M ?
Address: (b) (6)	, Tretra, LA
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Dit	fferent Than Occupant:
same as abou	re
Site Description:	
	home: duplex; business; school; daycare; church;
Problems accessing yards (circle): locked resolution:	ed gate; gate; dogs; other
3) Underground utilities installed by owner? septic tank; other	(circle): no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle) If yes, note on site sketch. How deep?): yes; no don't know
Estimated Volume of ACM: 924 f)	1 / N 28' 28' 2 tone
Date/Time of Interview: 11-19/1453	Access Granted (circle): (yes;) no
Team Members: TM/AR	· · · · · · · · · · · · · · · · · · ·

338

,

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CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:
Property's Address:

State/Zip: LA Phone Number(s):

[5] (6)

[6] (7) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

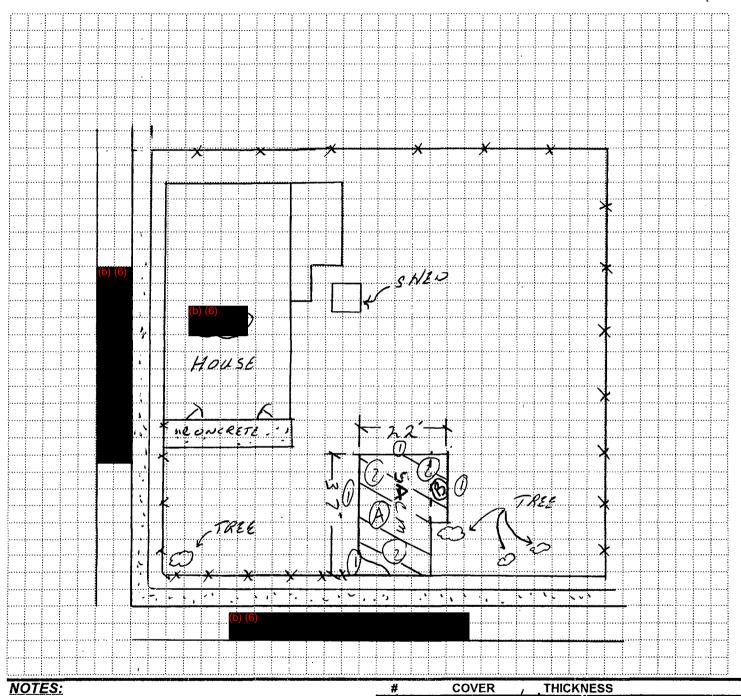
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-18-96 DATE (b) (6)
SIGNATURE

BRETAR

UPDATED: <u>06123197</u>



NOTES:

| COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | COVER | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THICKNESS | THIC

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

FYI:			•
SITE#	592	ADDRESS: (b) (6)	
	•	Gretna	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical & & 08-07-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#:

2 1

3

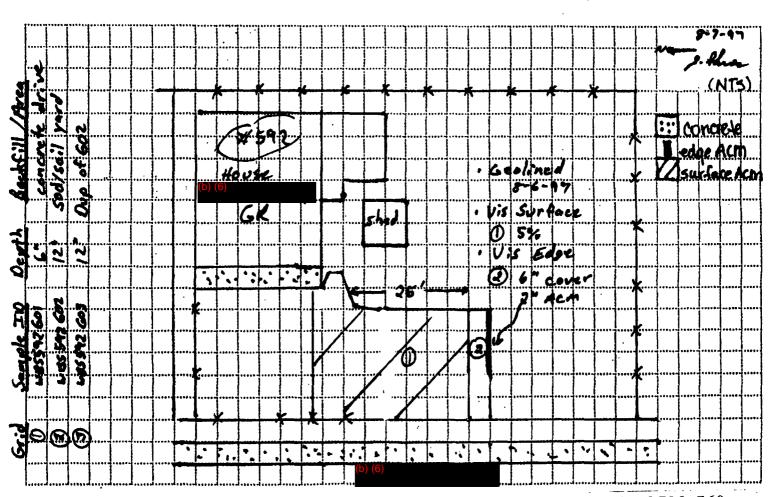
8

7

A. PROCEED WITH RESTORATION: 🗸 🗸

B. FURTHER ACTION NECESSARY:

5



05-0592-560

AUTHORIZED EPA/START REPRESENTATIVE Alma Riller

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMSL

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Monday, August 11, 1997

Ref Number: IN97752

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASBESTO:	<u>\$</u>
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS %	NONFIBROUS
WBS138G02	(b) (6)	Brown	Crushed	< 1% Chrysotile	1	70	% Quartz
1		Non-Fibrous		< 1% Crocidolite	į	30	% Other
		Homogeneous	: :	 	•		
			•		•		
WB\$132G01		Brown	Crushed	< 1% Chrysotile		70	% Quartz
		Non-Fibrous		, < 1% Crocidolite	ı	30	% Other
		Homogeneous	ı				
¹ WB\$132G02		Brown	Crushed	< 1% Chrysotile	!)% Quartz
		Non-Fibrous		< 1% Crocidolite	ļ	30	% Other
'		Homogeneous	1				
14/2000000			1.		: .		
WB\$592G01		Brown	Crushed	< 1% Chrysotile	1		% Quartz
		Non-Fibrous	:			20	% Other
}		Homogeneous	İ				
Lumaina inita							
WBS592G02		Brown	Crushed	< 1% Chrysotile	İ		% Quartz
		Non-Fibrous	•	< 1% Crocidolite	1	20	% Other
		Homogeneous					
WBS592G03		D	io	day Observable	1		
1100382003		Brown	Crushed	< 1% Chrysotile	į		% Quartz
		Non-Fibrous	:	< 1% Crocidolite		20	% Other
		nemogeneous					
		Homogeneous	j	176 Crocidona		20	7% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst

Approved Signatory

A Mahaha

Disclaimers: PLM has been known to riles asbeatos in a small percentage of samples which contein asbestos. Thus negative PLM results cannot be gustanteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government, All "NVLAP" reports with NVLAP togo must contain at least one signature to be valid. Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0592-570



By PM Date 8-7-97 Subject RES FOR A FION SIFE # 592 __ Sheet No._____of__ Proj. No. ____ Chkd. By____ Date REST. PLAN AS PER USACE EPA GRETNA SAND 500 05-0592-590 7005204

WESTBANK ASBESTOS ABATEMENT

RESTORATION FORM

SITE# 59Z	
-----------	--

	DATE [DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
ock Installation (sq.yds.)					41.00		
od Installation (sq.yds.)					15.5 <u>°</u>		
Concrete Installation (sq. yds.)					41.00		
Concrete Installation (sq. yds.)							
and Installation (sq.yds.)					15.50		
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)					16.00		-
and (cu.yds.)					4.92		ļ
oncrete (cu.yds.)					7.02		(,
lastic Edging (ft.)							
/alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)							-
XTRA							
	Site Ske	tch on E	lack of P	age			
COMMENTS:					•		

T REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

1005205

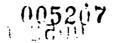
05-0592-590

NOTIFICATION OF	DEMOLITION AND RE		FORM FO	RM AAC-2 REV 5	/12/95						
# of ADVF's Requested 2	Parish # 1340	Source #		ADVF#							
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED							
II. FACILITY INFORMATION	····	Contact: John Martin									
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270								
Mailing Address: 1445 Ross Ave											
City: Dallas		State: TX		Zip: 75202							
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008							
Address: 113 Ondine Lane				·							
City: Slidell		State: LA		Zip: 70456							
Contact: Gerald Avery		Telephone: 5	04-646-0039								
OTHER OPERATOR:		DEQ Project	Designer #:								
Address:											
City:		State:		Zip:							
Contact:		Telephone:									
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno											
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) (ES) NO Inspection Date: Jan Apr. 1996											
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:	610685							
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)								
Building/Component Name: Home (#5	92)	Fire Marshal	l Project #:								
Street Address: (6) (6)											
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson							
Site Location: In front of house		Telephone: NA									
Building Size: NA	# of Floors: NA	Age in Years	: NA								
Present Use: NA		Prior Use: N	A								
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF And a Control of the control of	APPROPRIAT 3/116	E, USED TO D	ETECT THE PR	ESENCE OF						
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit Measurement Below							
		Cat I	Cat II	UNIT							
Pipes				Ln Ft:	Ln m:						
Surface Area				Sq Ft:	Sq m:						
Vol RACM off Facility Component		·		Cu Ft:	Cu yds: 18						
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: 11/7/96 Complete: 17/2//									
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	7/96	Complete: / 2	2/21/86						

NOTIF	<u>ICATION OF DEMOLITION A</u>	<u>AND RENOVATION FORM (c</u>	ontinued)								
X. DESCRIPTION OF PLA	ANNED DEMOLITION OR REN	OVATION WORK AND METH									
OF ASBESTOS AT THE DEM	RK PRACTICES AND ENGINE MOLITION AND RENOVATION wet methods and no visible emis	N SITE:									
XII. WASTE TRANSPORTE	R #1										
Name: Quality Contractors	¹³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan								
Address: 113 Ondine Lane	¹³ 685 Bridge City Avenue										
City: Slidell Bridge City	State: LA	Zip: 70458 *3 70094	Telephone#: (504)646-0039 - #3(504)436-7777								
WASTE TRANSPORTER #2											
Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals											
Address: 1713 Winchester Place	e										
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091								
XIII. WASTE DISPOSAL SITE:											
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)										
Location: 5800 Avondale 90 W	Location: 5800 Avondale 90 West										
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244								
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT AG	GENCY, PLEASE IDENTIFY T	HE AGENCY:								
Name:		Title:	Authority:								
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD/YY)									
XV. FOR EMERGENCY RE	NOVATIONS										
Date and hour of emergency (M	IM/DD/YY):										
Description of the Sudden, Une	xpected Event:										
Explanation of how the event ca	aused unsafe conditions or would o	cause equipment damage (or an u	nreasonable financial burden):								
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED, I	T THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO PO	S FOUND OR PREVIOUSLY WDER.								
Crew will use wet methods to co											
	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION D BY THIS PERSON WILL BE AVAIL.										
	•	(Signature of Owner/Open	ator/Contractor)								
XVIII. I CERTIFY THAT THE ABOV	/E INFORMATION IS CORRECT.	and a Holy	10-12-96								

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895



(Signature of Owner/Operator/Contractor)

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/9 SITE #: 592		ADDRESS:	(3)	0
ACM LOCATED BENEATH:	HOUSE			
APPR. CRAWL SPACE HEIGHT:	_6'	=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		=		
SKETCH OR COMMENTS:				
Manual	Mad = = = = = = = = = = = = = = = = = = =	Eisting		
TEAM MEN	MBERS: DA/	ML		

005208

05-0592-540

Tracking Number	593
Tracking Mullioci	070

FIELD DATA SHEET 1

Site Information:		(6) (6)	
Occupant:) (6)	Interviewee:	
Address: (b) (6)	Gretna, LA	, 70053	
Phone No.:	(b) (6)		
Ourse Name Address and R	Phone No. if Different Than Oc	cupant:	
Site Description:			
Description of property (ci vacant house; vacant lot;		x; business; school; daycare; church;	
Problems accessing yards (resolution:	(circle): locked gate; gate	dogs; other	
Underground utilities insta septic tank; other Note location on site sketc		water; gas; electric; cable TV;	
4) Is any underground ACM p If yes, note on site sketch.	present? (circle): yes; no; How deep?		
Site Sketch:	A A A A A A A A A A A A A A A A A A A		
Estimated Volume of ACM:			
Comments: Limestor	ne) (call	o coordinate	
Date/Time of Interview: 10	/11 1500	Access Granted (circle): yes, no	
Team Members: Cochil	1 Johnson		
	· 1/	Comments of the Comment of the Assert Man	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name	<i>b</i>) (6)
Property's Address:	· Constna The
State/Zip: LA, 70053	Phone Number(s): (6) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

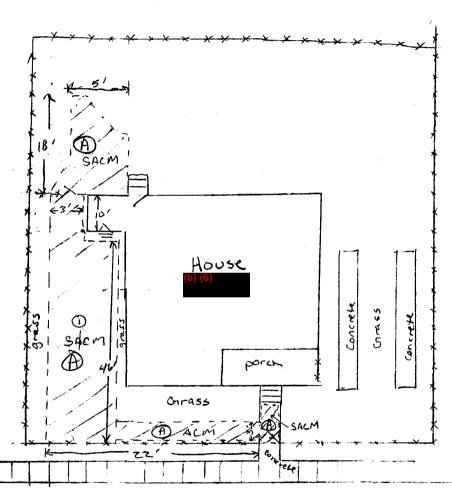
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/11 /96 DATE

SIGNATURE

14 NTS

No. 5505 Engineer's Computation Pad



Gutna

Removal & Rectoration Area @ - Walkways, Oriveway, Rear Walkway - - remove binches, seoline, concrate.

Mote: Homeourer indials on concrete L TN

Be chare that honeowner may ask to remove the transite siding off his house, this is not under our supe of action at this site-1/21/97 Homeowner approved restantion or shown

Alm School

05-0593-530

005211

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:																												
SITE#	593	3			•						Ā	ADI	OR.	ES	S:	(b) (6)											
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ACTION	•			G	RIL) #	:	1					3	4	ļ		;	5	6			7		8				
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B. FURT	HER AC	CTIO	n ne	ECES	SAI	RY:											_		_	<u> </u>	_	_		_	-			
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	18'		157														<u></u>		<u> </u>					V		01- NT		-9
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AUTHORIZED EPA/START REPRESENTATIVE _

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rauge, LA 70816 Friday, February 14, 1997

Ref Number: TX97410

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

ŞAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>asbestos</u> % type	%	NONASE FIBROUS	ESTOS % NONFIBRO
WBS593G01	593	Brown	· · Teased	3% Chrysotile	:		97% Other
i	:	Fibrous Homogeneous		< 1% Crocidolite	i		
· · · · · · · · · · · · · · · · · · ·	i		•	1			95% Other
WBS593G02	593	Brown	Teased	3% Chrysotile	1		95% Other
! :		Fibrous Homogeneous		2% Crocidolite			
•	1			l	••		
WB\$580G01	(b) (6)	Brown	Teased	30% Chrysotile	 !	•	67% Other
!		Fibrous		3% Crocidolite			
•		Homogeneous	•				
:WBS580G02		Brown	Teased	2% Chrysotile	!		98% Other
		Fibrous		< 1% Crocidolite	:		
:		Homogeneous		:			
[!] .		**			• •		
WBS580G03		Brown	Teased	None Detected			100% Other
i		Fibrous		:		•	
		Homogeneous	· ·	•			
		•		•	•		
WBS580G04		Brown	Teased	None Detected	;		100% Other
:		Fibrous	:	:	1	•	
:		Homogeneous	:		•		•

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Leyers" refers to number of separable subsamples.

Arthur Hernandez 1.
Analyst

005213

Approved Signatory

* He finished

Discipliners: PLM has been known to miss abbellos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above leat report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the dismit to claim product endorsement by NVLAP nor any againty of the United States Government. All "NVLAP" reports with NVLAP togo must contain at least one signature to be valid. (aboratory is not responsible for the accuracy of results when requested to physically separate and analyze system samples.

05-0593-570

NOTIFICATION OF	PEMOLITION AND RE		FORM FOI	M AAC-2 REV 5	112/95						
# of ADVF's Requested 1	Parish # 1340	Source#		ADVF#							
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED							
II. FACILITY INFORMATION		Contact: John Martin									
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270								
Mailing Address: 1445 Ross Ave											
City: Dallas		State: TX		Zip: 75202							
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's I	Liscense #: 26445	DEQ ID #: 7S00008							
Address: 113 Ondine Lane											
City: Slidell		State: LA		Zip: 70456							
Contact: Gerald Avery		Telephone: 5	04-646-0039								
OTHER OPERATOR:		DEQ Project	Designer #:								
Address:											
City:		State:		Zip:							
Contact:		Telephone:									
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno											
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) (YES) NO Inspection Date: Jan Apr. 1996											
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	ccreditation #:	610685							
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)											
Building/Component Name: Home (#5	93)	Fire Marshall	l Project #:								
Street Address: (b) (6)											
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson							
Site Location: On side of house		Telephone: NA									
Building Size: NA	# of Floors: NA	Age in Years	: NA								
Present Use: NA		Prior Use: NA	4								
VI. PROCEDURE INCLUDING AN. ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIATI 9/116	E, USED TO D	ETECT THE PR	ESENCE OF						
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit Measurement Below							
		Cat I	Cat II	UNIT							
Pipes	·			Ln Ft:	Ln m:						
Surface Area				Sq Ft:	Sq m:						
Vol RACM off Facility Component				Cu Ft:	Cu yds: 8						
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ////	96	Complete: 12/2/1/96							
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	196	Complete: 12/21/96							

NOTIF	ICATION OF DEMOLITION A	AND RENOVATION FORM (c	ontinued)
X. DESCRIPTION OF PLA Excavation of residential prope	NNED DEMOLITION OR REN rties utilizing standard construction	IOVATION WORK AND METH on techniques.	IOD(s) TO BE USED:
NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued) X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques. XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSION OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE: Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted. XII. WASTE TRANSPORTER #1 Name: Quality Contractors			
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	n Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	685 Bridge City Avenue		
City: Slidell Bridge City	State: LA	Zip: 70458 *3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	iR #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD)/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	aused unsafe conditions or would of	cause equipment damage (or an u	inreasonable financial burden):
NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED,	IT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.
Crew will use wet methods to co		S OF THE PECIE ATION A AC 22.00	Channelly A / 40 CED DAD
61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHE	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION D BY THIS PERSON WILL BE AVAIL	N OR RENOVATION AND EVIDENCE ABLE FOR INSPECTION DURING NO	ORMAL BUSINESS HOURS.
		Signature of Owner/Open	ator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	/E INF()RMATION IS CORRECT.	Jude 2 Hou	b 10-12-96
		(Signature of Owner/Opera	AIOT/CODURCIOT)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005215

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98 SITE #: 593		ADDRESS: GRETNA, LA
		·/.
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		·
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	•
PERCENT OF AREA (ACM)		V
SKETCH OR COMMENTS:		
No Acan		
TEAM ME	MBERS: BC/	PL

1105216

05-0593-540

Tracking Number <u>594</u>

FIELD DATA SHEET 1

Site Information:		
Occupant:		Interviewee:
Address:	Gretna LA.	70053
Phone No.:	(b) (6)	
Owner Name, Address, and Phone No. is (b) (6) (dece		nt:
Site Description:		
Description of property (circle): (single vacant house; vacant lot; other	ngle home; duplex; t	business; school; daycare; church;
2) Problems accessing yards (circle): resolution:		ogs; other
3) Underground utilities installed by own septic tank; other Note location on site sketch.		ter; gas; electric; cable TV;
4) Is any underground ACM present? (ci If yes, note on site sketch. How deep?		t know
Estimated Volume of ACM: 192: Comments: Backfill: 1	motone w	Acm T 24 edging
Date/Time of Interview: //- /8 /	1626	Access Granted (circle): ves: no
Team Members: JM /AR		

(b) (6)

recycled paper

ecology and environment

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(5) (6)	
Property's Address:	Gretna	
State/Zip: LA 70053	Phone Number(s):(b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination,
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

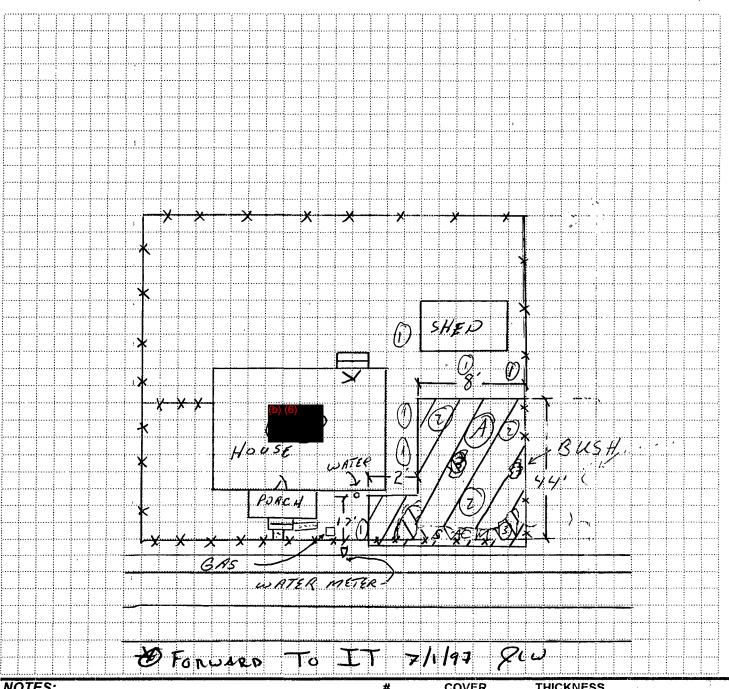
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

(b) (6)

11-18-96 DATE

SIGNATURE

UPDATED: 06123197



NOTES:	#	COVER	THICKNESS	
N (NTS)		6"sod/	cail -	
1 4 1	Z	3 50%	/soil 3	"ACM
	3		4"	SACM
1/21 (linestone)			7	
RESTORATION: A: Sod/soil (limestone)				
B:				
C :				05-0594-530
ARRIVAL: 1440				
DEPARTURE: 15 05) (6)		0.00	.58
RESTORATION APPROVED BY:		Vi	A PHONE (A)	DATE: 7/ 1/97
TEAM: MW/TT/SJ. DATE:	16123	197		
	05219			

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

FYI	:																																
SITI	E#		5	91	1											Į.	ldz	วเน	ESS	(<mark>b)</mark>	(6)								1				
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00**5**220

05-0594-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Thursday, August 07, 1997

Ref Number: IN97727

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>asrestos</u> % type	%	<u>NONASBESTOS</u> FIBROUS %	NONFIBROU
WB8818G02	(b) (6)	Brown Non-Fibrous	Crushed	< 1% Chrysotile			6 Quartz 6 Other
		Homogeneous					
WB\$594G01		Brown	:Crushed	< 1% Chrysotlie			6 Quartz
		Non-Fibrous Homogeneous		< 1% Crocidolite	ļ _	50%	6 Other
WB8712G01		Brown	Crushed	< 1% Chrysotile	T		6 Quartz
		Non-Fibrous Homogeneous	1	< 1% Crookfolits	 	209	6 Other
WB\$712G02		Brown	Crushed	< 1% Chrysotlle	-		é Qu∌rtz
		i Non-Fibrous : Homogeneous		< 1% Crocidolite	İ	209	6 Other
		•	· .		•.		
WB\$712G03		Brown	Crushed	< 1% Chrysotile	•		6 Quartz
1		Non-Fibrous Homogeneous	i	< 1% Crocidolite	:	205	6 Other
WB8700G01		Brown	Crushed	< 1% Chrysotile	•	a nt	6 Quartz
1	Ļ	Non-Fibrous	Cidaned	< 1% Crosidolite	i		6 Other
	1	Homogeneous	1		:	Δ.,	· •
{ i	1			·			

Comments: For all obviously haterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Note: Sample WBS1216G01 could not be homogenized due to the nature of the sample submitted

Jane Wasllewski Analyst

Approved Signatory

Disolatimers: PLM has been known to mise asbestos in a small percentage of samples which contain eabestos. Thus negative PLM results cannot be guaranteed. Ploor tiles and wipes should be tested with sither SRM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by MNLAP nor any spency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

A Halanda

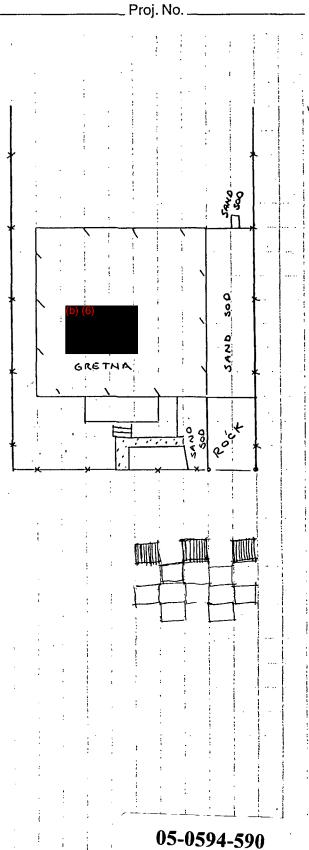
^{*} NY samples also analyzed by ELAP 198-1 Method



1
)

 By _PM __ Date ______ Subject ______ Stora from _______ Sheet No.______ of _______

 Chkd. By _____ Date _______ Proj. No. ________



005222,

WESTBANK ASBESTOS ABATEMENT

	R	ES:	ro	RA	T	10	Ν	FO	RI	V	I
i				-		\sim	ΙΥ .	, v			ı

SITE# 594

	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
• -					QTY.	QTY.	COMP
					50		
Rock Installation (sq.yds.)					اله. ⁵ 2		
od Installation (sq.yds.)					51.00		
" Concrete Installation (sq. yds.)	· · · · · · · · · · · · · · · · · · ·						
" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					51.9		
ower Lift Sand	, · ;						
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					5.00		
Sand (cu.yds.)					18.00		-
Concrete (cu.yds.)	: :			·····			(
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Горsoil (cu.yds.)				·····			-
EXTRA							,
	Site Ske	etch on E	ack of P	age			,
COMMENTS:							4
			·····				
							······································

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

005223600

05-0594-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

ORIGINAL)

Contact: John Martin

Parish#

(CIRCLE ONE)

of ADVF's Requested

H.

IX.

SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)

TYPE OF NOTIFICATION

FACILITY INFORMATION

FORM AAC-2 REV 5/12/95

CANCELED

REVISED

Start:

Complete:

	·-		
X. DESCRIPTION OF PLA		AND RENOVATION FORM (convolution) NOVATION WORK AND METH on techniques.	
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: ssions for engineering control. An	
XII. WASTE TRANSPORTE	iR #1		
Name: Quality Contractors	¹⁵ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	685 Bridge City Avenue		
City: Slidell Bridge City	State: LA	Zip: 70458 *3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	iR #2		
Name: B & S Equipment Co., l	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	HE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD)/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	used unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUF NONFRIABLE ASBESTOS	LES TO BE FOLLOWED IN THE EVER MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS IS PULVERIZED, OR REDUCED TO POV	S FOUND OR PREVIOUSLY WDER.

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor)

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III. Chapter 27, Appendix A / 40 CFR PAR 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING

ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS,

(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

Crew will use wet methods to control any visible emissions.

HAS BEEN

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98 SITE #: 594		ADDRESS:	GRETNA, LA
		•	
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		-	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	•	
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
· · · · · · · · · · · · · · · · · · ·			
<i>y</i>			
NoAch			
, No			
/			
TEAM ME	MBERS:		

Tracking Number	595

FIELD DATA SHEET 1

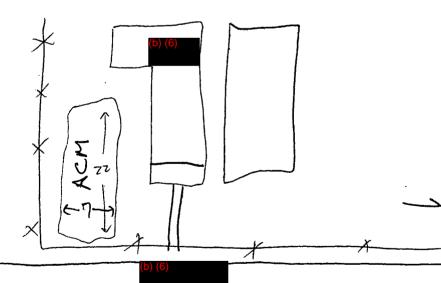
Owner Name, Address, and Phone No. if Different Than Occupant: (5) (6)

S	ite	De	scr	ip	tio	n:

- 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
- 2) Problems accessing yards (circle): locked gate; gate; dogs; other ______
- 4) Is any underground ACM present? (circle): yes; no; don't know

 If yes, note on site sketch. How deep?

Site Sketch:



Estimated Volume of ACM:

Comments: Occupant well mail acces agreement

Date/Time of Interview: 11/15 0920 Access Granted (circle): (yes;) no

Team Members: JM / 7c

CONSENT FOR ACCESS TO PROPERTY

CONSENT FOR ACCESS TO TROTERTY	
WESTBANK ASBESTOS SITE	
Property Owner's Names	***
Property's Address:	
State/Zip: The Phone Number(s): (6) (6)	
76053	
I hereby consent to officers, employees, and parties authorized by the United Stat	
Environmental Protection Agency (EPA) entering and having continued access to my pro	pert for the
following purposes:	
1. The taking of such soil, water and air samples as may be determined to be necessary:	

- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and a. trucks) on the property;
 - Removal of asbestos-contaminated material from the property; b.
 - Replacement of removed asbestos-containing material with a like-material (i.e., clean C. fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - The taking of other actions necessary to mitigate releases or threats of releases of e. hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10.21-96 DATE

SIGNATURE 6

UPDATED: 06 1231 97



NOTES:	#	COVER	THICKNESS	
N (NTS)	7	6" soil/sod		
	2	2" soil/so	d 3" ACM	
	3	/	4" SACM	
-1/01				
RESTORATION: A: Soil /Sod				
O.		'		
C: 1	1197			
ARRIVAL: 15 45	w 6/24/97			
DEPARTURE: 1623	(b) (6)			
RESTORATION A	PPROVED BY:		DATE:06 123	137
TEAM: MW/TT/SJ	DATE: 26 h	23,97 7	17 6/25	
1EAWI: ///// 3 -	00522	9	0 -1 705	

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE# <u>595</u>	ADDRESS: (b) (6)	
	Gretna, LA	

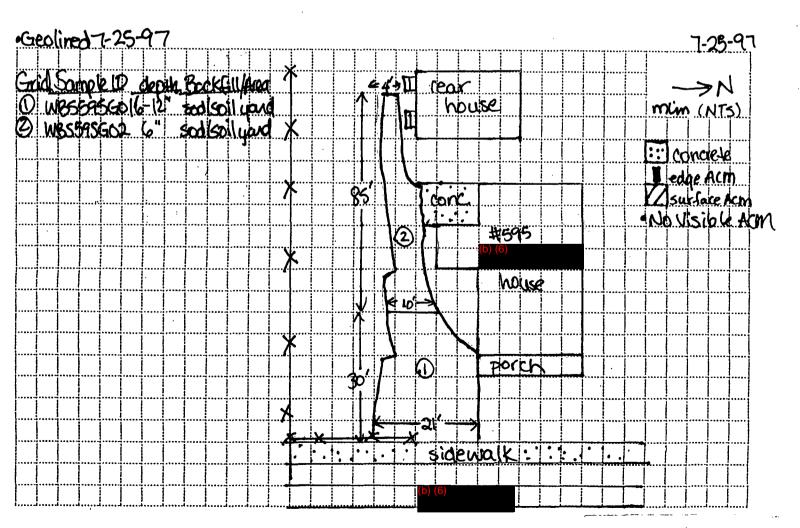
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Apolytical 7-29-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



05-0595-560

AUTHORIZED EPA/START REPRESENTATIVE

105230 Shires, J.

Attn.: Maggie Lin

Ecology & Environmental 11550 New Castle Avenue

Baton Rouge, LA 70816

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Tuesday, July 29, 1997

Ref Number: IN97620



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

			O e serie	ASBE	STOS	1.15	NONAS	BEST	os	er. A pr
SAMPLE LOCATION	APPEARANCE	SAMPLE TREATMENT	%	TYPE	%	FIBROUS		% N	ONFIBROUS	
WBS1116G05) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	-				80% Q 20% O	
WBS595G01		Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected	1 2			80% Q 20% O	
WB9595G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	•		· • • · · · · · · · · · · · · · · · · ·		80% Q 20% Q	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

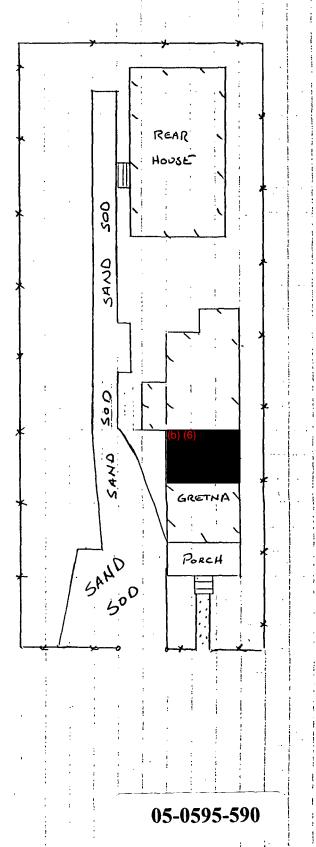
Jane Wasilewski **Analyst**

Signatory

be guaranteed Floor ties and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report

05-0595-570





REST	FOR	ATIO	N F	:OF	.W

SITE# 595

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
ock Installation (sq.yds.)					· · · · · · · · · · · · · · · · · · ·		
od Installation (sq.yds.)					116.00		
Concrete Installation (sq. yds.)							
Concrete Installation (sq. yds.)							1
and Installation (sq.yds.)					116.∞		-
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)							
and (cu.yds.)					28,≅		
oncrete (cu.yds.)					201		
astic Edging (ft.)							
alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)							
XTRA							
	Cita Cla	tob on C	Pook of D	2000	l		
	Site Ske	elch on E	Back of P	aye			
OMMENTS:							
				· · · · · · · · · · · · · · · · · · ·			
					· ·		
REPRESENTATIVE SIGNATURE	IRE						
UB 1 SIGNATURE		-00	5233			05-0595-	590

005233

SUB 2 SIGNATURE



By_ <i>PM</i> Date_7-28-97	L_Subject_AcsforAfion	J SIFE # 595 I	Sheet No	of
Chkd. By Date			Proj No	

REVISED 8-11-97

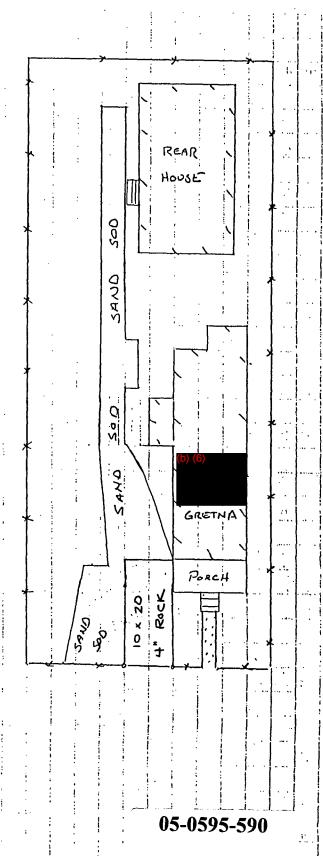
AS PER USEPA T.W.

USACE J.M.

NOTE: (EXTRA)

REMOVE GRASS AND SAND TO 4"

INSTALL: 10'x 20'x 4" GREY ROCK



005234

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM

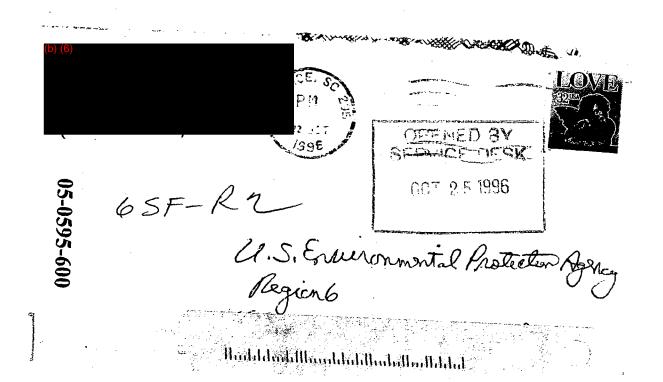
SITE# 595 I

	DATE	DATE	DATE	DATE			
				, .	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					22.00		·
Sod Installation (sq.yds.)							
" Concrete Installation (sq. yds.)							
" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							<u> </u>
Lower Lift Sand							
Rock, Brown (cu.yds.)					4,00		
Rock, Gray (cu.yds.)							
Sand (cu.yds.)							
Concrete (cu.yds.)					,		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						·	
Topsoil (cu.yds.)							
EXTRA (REMOVE 10x20)							
	Site Sk	etch on	Back of	Page			
COMMENTS:	·			emunitario de la comunitación de la comunitación de la comunitación de la comunitación de la comunitación de l	178770-1-18477-1-18477-1-18478-1-18478-1-18478-1-18478-1-1847		
•							
				· <u>·····························</u>			1 1111 - 1 1111 - 1 1111
IT REPRESENTATIVE SIGNAT	URE		•				
SUB 1 SIGNATURE			00523	15		05-0595	-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98 SITE #: 595		ADDRESS:_ - -	GRETNA, LA
ACM LOCATED BENEATH:	HOUSE		·
APPR. CRAWL SPACE HEIGHT:		<u></u>	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:		****	•
No Acan			
TEAM ME	MBERS:		

05-0595-540



Tracking Number	596
Tracking Number	<u> </u>

FIELD DATA SHEET 1

Site information:	
Occupant: (b) (6)	Interviewee: .
Address:	Gretna, LA, 70053
Phone No.:	6)
Owner Name, Address, and (5) (6)	d Phone No. if Different Than Occupant: (b) (6) (b) (6)
Site Description:	
Description of property vacant house; vacant	(circle): single home; duplex; business; school; daycare; church; lot; other
Problems accessing yard resolution:	ds (circle): locked gate; gate; dogs; other
Underground utilities in septic tank; other Note location on site sk	stalled by owner? (circle): no; water; gas; electric; cable TV; etch.
4) Is any underground ACI If yes, note on site sketch	M present? (circle): yes; no; don't know h. How deep?
Site Sketch:	D) (6) Acm 20 Concrete
	10-17
	(b) (6)
Estimated Volume of ACM	
Comments: BackR	11: Limestone [Call before arrival
Date/Time of Interview:	Access Granted (circle): (yes;)no
Team Members:	

TRACKING# 596

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property's Address:		
State/Zip: 20053	Phone Number(s): (b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

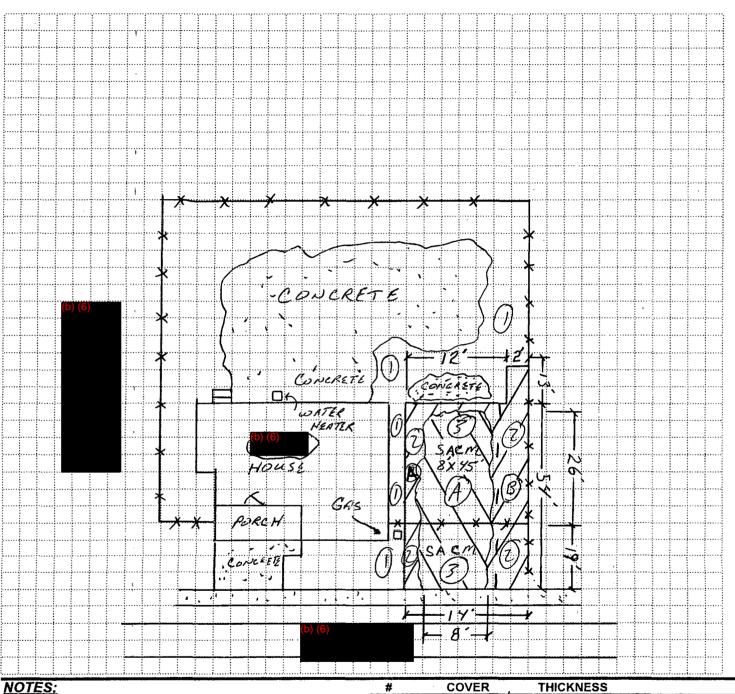
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/10/96 DATE SIGNATURE

UPDATED: <u>061231 97</u>



NOTES;	# COVER , INICKNESS
N (NTS)	1 6" sad/soil 3" ACM 3" sod/soil 3" ACM 3 — 4" 5ACM
RESTORATION: A: Concrete (10 x 45) B: Sod/Sai/	
.	05-0596-530
DEPARTURE: 15 45 RESTORATION APPROVED	(b) (6) BY: PDATE: 6 23 97
TEAM: MW/TT/SJ	DATE: 06 123 197 TO Z7 6/25

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

	<u> </u>	Gretna La	
SITE#	596	ADDRESS: (b) (6)	
FYI:			

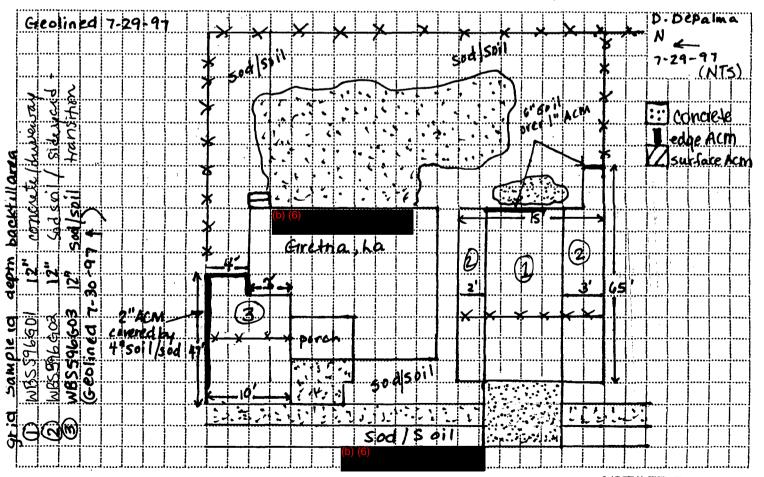
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No Analytical deta received as 1 07-29-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ ✓ ✓

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE Q-Rill

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Gregory R. Day Ecology & Environmental 11550 New Castle Avenue... Baton Rouge, LA 70816

Thursday, July 31, 1997

Ref Number: IN97642

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

! :			SAMPLE	<u>ASBESTOS</u>	Karaman (n. 1965)	NONASBE:	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYI	PE %	FIBROUS	% NONFIBROUS
WB\$703G01	(b) (6)	Brown	Crushed	None Dete	acted		80% Quartz
		Non-Fibrous		!	;		20% Other
		Нотоделеоиз					2.1.4.
·		+ 7 A + 1	<u> </u>	i			
(WBS1055G01		Brown	Crushed	< 1% Chrysotlle		•	80% Quartz
		Non-Fibrous		< 1% Crocidolite			20% Other
		Homogeneous					
l		And the second	The state of the s		ing Magazina da Pangangan	1. F	·
WBS1055G02		Brown	Crushed	None Dete			80% Quartz
		Non-Fibrous	·Oldelida	110110 0010	.0104		20% Other
		Homogeneous		; ;	1		
WBS616G01		Brown	Crushed	< 1% Chrysotile			80% Quartz
		Non-Fibrous		< 1% Crocidolite	,		20% Other
		Homogeneous	•				
1			I		İ		,
WBS616G02		Brown	Crushed	None Dete	ndad	•	80% Quartz
1180010002		Non-Fibrous	Ciustieu		Clau		20% Other
İ		Homogeneous		•			
		in the specific	A PROPERTY OF		1	Palan ghal	as i
LAIDCEOCCO.		· · · · · · · · · · · · · · · · · · ·		:			
WBS596G01		Brown	Crushed	< 1% Chrysotile			80% Quartz
	:	Non-Fibrous	•	< 1% Crocidolite	,		20% Other
	•	Homogeneous				:	
t	•	14 15 14 14 14 14 14 14 14 14 14 14 14 14 14			,		ř

Comments: For all obviously haterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Signatory

Disciaiment: PLM has been known to miss asbestos in a small percentage of samples which contain esbastos. Thus negative PLM results cannot be quaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to cleim product endorsement by NVLAP nor any agency of the United States Conventment, All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Lebonatory is not responsible for the accuracy of results when required in the product and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #201380). NVLAP nor any agency of the United States Government, All "NVLAP" reports w
Laboratory is not responsible for the accuracy of results when requested for the accuracy of results when requested for the accuracy of results when requested for the accuracy of results when requested for the accuracy of results when requested for the accuracy of results when requested for the accuracy of results accuracy of results accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of results accuracy of the accuracy of the accuracy of results accuracy of the accura

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Gregory R. Day
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, July 31, 1997

Ref Number: 1N97642

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POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020801 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>asbe</u> %	STOS TYPE	%	<u>NONASBES</u> FIBROUS	TOS %	NONFIBROUS
WBS596G02	(b) (6)	Brown	Crushed	Nor	ne Detected	1		80%	Quanz
; •		Non-Fibrous Homogeneous	And the second of the second o		4. • • •			20%	Other
WBS899G01		Brown	Crushed	1% Chr	ysotile			80%	Quartz
		Non-Fibrous Homogeneous		1% Cro					Other
<u> </u>		***************************************				<u>.</u> .			And the state of
WBS899G02		Brown	Crushed	< 1% Chr	-		•		Quartz
!		Non-Fibrous	San San San San San San San San San San	< 1% Cro	cidolite	127 P. J. ve. 1	a sa sa sa sa sa sa sa sa sa sa sa sa sa	20%	Other
		Hornogeneaus		- -				· .	
WBS899G03		Brown	Crushed	< 1% Chr			n jedina. Politika		Quartz
		Non-Fibrous	n in green than the street set of the set of	< 1% Cro	cidolite	To Belliother 1		20%	Other
1		!Homogeneous			.,.				4.
i ,			1 1,50	1			ķ		•
WBS964G01		Brown	Crushed	< 1% Chr	ysotile	•			Quartz
Ì		Non-Fibrous	1.0			1	• •	20%	Other ·
		Homogeneous	·· · · · · · · · · · · · · · · · · · ·				•		
WBS964G02		Brown	Crushed	< 1% Chr	ysotile			80%	Quartz
!		Non-Fibrous	. O Markhy a Springer	· ***	12.4"	grafie en en	n de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co	20%	Other ***
		Homogeneous			1.7			:	
1.				<u> </u>					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method.

Mayaut 3. Phulps Margaret Phillips Analyst

Approved Signatory

W HICKORY

Disclaimers: PLM has been known to miss espesites in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be gueranteed. Ploor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product andersament by IVVLAP nor any agency of the United Sistes Gavernment. All "IVVLAP" reports with IVVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to preveled by apparate and enalyze layered samples.

Analysis performed by EMSL of Indianapolis (IVVLAP Air and Bulk #00184.0)

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6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Friday, August 01, 1997

Ref Number: IN97668

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	NONASBES FIBROUS	<u>TOS</u> % NONFIBROUS
W85899G04	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidalite			40% Quartz 60% Other
WBS596G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlle < 1% Crocidolite		11,148)	40% Quantz 60% Other
;WB\$976G01		Brown Non-Fibrous Hamogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a Pasier	40% Quartz 60% Other
WBS976G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	in the second	n An Nasan Maka	40% Quartz 60% Other
WBS965G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlle	A CONTRACTOR		40% Quartz 60% Otner
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Brown Non-Fibrous Homogeneous	¹ Crushed	< 1% Chrysotile < 1% Crocidolite	i		40% Quartz 60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also "# of Layers" refers to number of separable subsamples.

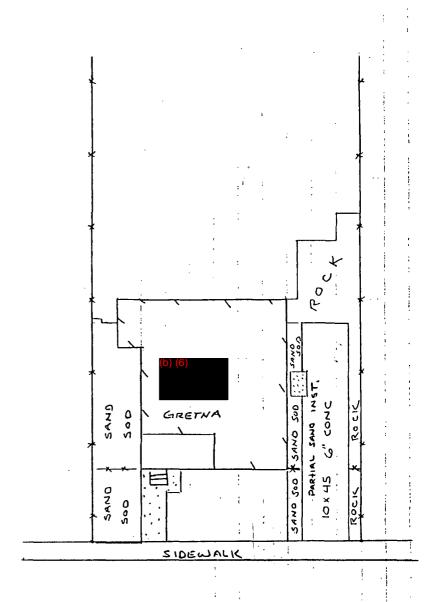
* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cert
be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items fasted. This report
may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsament by
NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP togo must contain at tests one signature to be valid
Laboratory is not responsible for the securacy of results when requested to physically separate and analyze layered samples.







05245

WESTBANK ASBESTOS ABATEMENT

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

R	FC	r	RΛ	TI	\cap	I FO	DIM	1
1	EC.	ı	πн		UN	$\Gamma \Gamma U$	KIVI	

SITE#	_ 596	
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	DATE	DATE	DATE	DATE			
-					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					45.2		
Fod Installation (sq.yds.)					64.00		
			<u></u>				
6" Concrete Installation (sq. yds.)					50.≌		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					84.00		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					12.8		_
Sand (cu.yds.) *					30,∞		
Concrete (cu.yds.)					8.50		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						•	
Topsoil (cu.yds.)							ļ
EXTRA							
	Site Ske	etch on B	Back of F	Page			
COMMENTS:						•	
							······································
							
,						 	

# of ADVF's Requested	Parish # 1340	Source #	rukiyi kul	ADVF#	/12/95			
I. TYPE OF NOTIFICATION		RIGINAL	REVISED	L CANCELED	,			
II. FACILITY INFORMATION	(Contact: John Martin						
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270					
Mailing Address: 1445 Ross Ave		<u> </u>						
City: Dallas	,	State: TX	11	Zip: 75202				
REMOVAL CONTRACTOR: Quality I	Environmental Constr.	La. Contractor's l	Liscense #: 26445	DEQ ID #: 7S00008				
Address: 113 Ondine Lane								
City: Slidell		State: LA		Zip: 70456				
Contact: Gerald Avery		Telephone: 5	04-646-0039	-				
OTHER OPERATOR:		DEQ Project	Designer #:					
Address:								
City:		State:		Zip:				
Contact:		Telephone:						
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno								
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) (TES) NO Inspection Date: Jan Apr. 1996								
Inspector's Name: Debra Bendily (LD	Accreditation #:	610685						
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)								
Building/Component Name: Home (#5	96)	Fire Marshall	l Project #:					
Street Address: (b) (6)								
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson				
Site Location: On side of house		Telephone: N	IA.					
Building Size: NA	# of Floors: NA	Age in Years: NA						
Present Use: NA		Prior Use: NA						
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A ng - EPA Method 600/R-93	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		Nonfriable A Material Not Removed		Indicate Unit Measurement Below				
		Cat I	Cat II	UNIT				
Pipes	•. ·			Ln Ft:	Ln m:			
Surface Area				Sq Ft:	Sq m:			
Vol RACM off Facility Component			Cu Ft:	Cu yds: 8				
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start:	7/96	Complete: /2/21/96				
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	7/96	Complete:	12/196			

Excavation of residential proper	ANNED DEMOLITION OR REI rties utilizing standard constructi	NOVATION WORK AND METH ion techniques.	HOD(s) TO BE USED:				
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: issions for engineering control. A					
XII. WASTE TRANSPORTE	R #1						
Name: Quality Contractors	¹³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan				
Address: 113 Ondine Lane	n 685 Bridge City Avenue						
City: Slidell	State: LA	Zip: 70458 3 70094	Telephone#: (504)646-0039 #3(504)436-7777				
WASTE TRANSPORTE	R #2						
Name: B & S Equipment Co., I	inc.	Contact Person: Billy Ryals					
Address: 1713 Winchester Place	e						
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091				
XIII. WASTE DISPOSAL SIT	E:						
Name: Jefferson Parish Landfil	ll (Kelvin Landfill)						
Location: 5800 Avondale 90 W	/est						
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244				
XIV. IF DEMOLITION ORDE	ERED BY A GOVERNMENT A	AGENCY, PLEASE IDENTIFY	THE AGENCY:				
Name:		Title:	Authority:				
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD/YY)					
XV. FOR EMERGENCY RE	NOVATIONS						
Date and hour of emergency (M	IM/DD/YY):						
Description of the Sudden, Unex	xpected Event:						
Explanation of how the event ca	used unsafe conditions or would	l cause equipment damage (or an u	unreasonable financial burden):				
		ENT THAT UNEXPECTED ASBESTOS					
Crew will use wet methods to co			W 52 2013				
XVII. I CERTIFY THAT AN INDIVID 61. SUBPART M) WILL BE HAS BEEN ACCOMPLISHED	DUAL TRAINED IN THE PROVISION ON-SITE DURING THE DEMOLITIO D BY THIS PERSON WILL BE AVAIL	NS OF THIS REGULATION (LAC 33:III ON OR RENOVATION AND EVIDENCE LABLE FOR INSPECTION DURING NO	Chapter 27, Appendix A / 40 CFR PAR E THAT THE REQUIRED TRAINING ORMAL BUSINESS HOURS.				
		(Signature of Owner/Oper	rator/Contractor)				
XVIII. I CERTIFY THAT THE ABOV	'E INFORMATION IS CORRECT.	Jula 1 H	Ly 10-12-86				
		(Signature of Owner/Oper	rator/Contractor)				

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

PURSUANT TO R.S. 40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98 SITE #: 596	ADDRESS: GRETNA, LA
ACM LOCATED BENEATH: HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM: CHUNK POWDE SLAB	SS ER
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
No Aca	

005249

TEAM MEMBERS:

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: 6 (6)
Phone No.: (b) (6) (c) (c) (c) (d) (d)
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other <u>Lvaiter house</u>
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Estimated Volume of ACM: 4f2 Comments: Backs: 11: Lime store
Date/Time of Interview: 1/1, 30 /0//7 Access Granted (circle): yes; no
Team Members: 7C /1(7

Tracking # 597

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(6) (6)	
Property Owner's Name:		
Property's Address (b) (6)	Greena	
State/Zip: LA, 70053	Phone Number(s): (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

action EPA will perform.

DATE

UPDAJED: _____ Trailer CONCRETE NOTES: pickup box of ACM beside COVER THICKNE88 l'gravel Fonce! BESTORATION: A: LIMESTONE 12'x 12' 05-0597-530 Halalat RESTORATION APPROVED BY: **ARRIVAL**: DATE: 11/197 TO IT 9/22/97 DEPARTURE: TEAN: KJ/MM/DB

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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05-0597-560

AUTHORIZED EPASTART REPRESENTATIVE MEGGLOCH

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Deena DePalma Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Friday, September 26, 1997

Ref Number: IN971204

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBES	ros		<u>NONASBES</u>	<u>708</u>	ļ
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% .	TYPE	%	FIBROUS .	%	NONFIBROUS
WBS597G01	(b) (6)	Brown Non-Fibrous Homogeneous	!Crushed	B% Chrys 2% Crock					Quartz Other
WBS1126G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrys	sotile				Quartz Other
WBS1126G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrys < 1% Croci					Quartz Other
WBS1126G03		Brown Non-Fibrous Homogeneous	Crushed	1" < 1% Chrys < 1% Croci					Quartz Other
WBS1126G04		Brown Non-Fibrous Homogeneous	Crushed	20% Chrys < 1% Croci					Quartz Other
WBS1126G05		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrys < 1% Crock		•			Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Mayout 3. Phillips Margaret Phillips Analyst Entered 9/21/47

Approved Signatory



Disclaimers; P(M has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the Items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product andersement by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP togo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically seperate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).



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WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

REST	TOR.	ATIO	NFO	RM
------	------	------	-----	----

05-0597-590

SITE # 597

	DATE	DATE	DATE	DATE	F.o		
					EST. QTY.	ACTUAL QTY.	ACT.
ock Installation (sq.yds.)					13.00		
Socialistaliation (Sq.yus.)							
od Installation (sq.yds.)						<u> </u>	
" Concrete Installation (sq. yds.)							
" Concrete Installation (sq. yds.)					*****		
Sand Installation (sq.yds.)							
ower Lift Sand							
Rock, Brown (cu.yds.)			<u> </u>				
Rock, Gray (cu.yds.)					3,5≥		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)		Na. 200			***************************************		
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							_
EXTRA							
	Site Ske	tch on B	ack of F	Page			
COMMENTS:					· · · · · · · · · · · · · · · · · · ·		
							
IT REPRESENTATIVE SIGNATU	RF						
SUB 1 SIGNATURE	I View		<u> </u>				

005256

# of ADVF's Requested 1	Parish # 1340	Source#	POR W	ADVF#	112195				
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL)	REVISED	CANCELED					
II. FACILITY INFORMATION		Contact: John	n Martin		· · · · · ·				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270						
Mailing Address: 1445 Ross Ave									
City: Dallas		State: TX		Zip: 75202					
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's l	Liscense #: 26445	DEQ ID #: 7S00008					
Address: 113 Ondine Lane									
City: Slidell		State: LA		Zip: 70456					
Contact: Gerald Avery		Telephone: 5	04-646-0039						
OTHER OPERATOR:		DEQ Project	Designer #:						
Address:									
City:		State:		Zip:					
Contact:		Telephone:							
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno									
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) (CES NO Inspection Date: Jan Apr. 1996									
Inspector's Name: Debra Bendily (LD	Inspector's A	accreditation #:	610685						
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)									
Building/Component Name: Home (#5	97)	Fire Marshall	Fire Marshall Project #:						
Street Address: (b) (6)									
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson					
Site Location: In front of house		Telephone: NA							
Building Size: NA	# of Floors: NA	Age in Years	: NA						
Present Use: NA		Prior Use: NA	<u> </u>						
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A ng - EPA Method 600/R-93	APPROPRIAT	E, USED TO D	ETECT THE PR	ESENCE OF				
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit Measurement Below					
		Cat I	Cat II	UNIT					
Pipes				Ln Ft:	Ln m:				
Surface Area				Sq Ft:	Sq m:				
Vol RACM off Facility Component			Cu Ft:	Cu yds: 1					
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: // /7/96 Complete: /2/2/			121/96				
IX. SCHEDULED DATES DEMO/RENOVA	Start: 4/7/96 Complete:			2/21/96					

X. DESCRIPTION OF PLA Excavation of residential prope	NNED DEMOLITION OR REN rties utilizing standard construction	OVATION WORK AND METH on techniques.	IOD(s) TO BE USED:						
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US I SITE: ssions for engineering control. A							
XII. WASTE TRANSPORTER #1									
Name: Quality Contractors	⁶³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan						
Address: 113 Ondine Lane	685 Bridge City Avenue								
City: Slidell " Bridge City	State: LA	Zip: 70458 *3 70094	Telephone#: (504)646-0039 #3(504)436-7777						
WASTE TRANSPORTE	R #2								
Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals									
Address: 1713 Winchester Place	2								
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091						
XIII. WASTE DISPOSAL SIT	E:								
Name: Jefferson Parish Landfi	Name: Jefferson Parish Landfill (Kelvin Landfill)								
Location: 5800 Avondale 90 W	'est								
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244						
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	HE AGENCY:						
Name:		Tide:	Authority:						
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	//YY)						
XV. FOR EMERGENCY RE	NOVATIONS								
Date and hour of emergency (M	M/DD/YY):								
Description of the Sudden, Une	xpected Event:								
Explanation of how the event ca	used unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):						
XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER. Crew will use wet methods to control any visible emissions.									
XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III. Chapter 27, Appendix A / 40 CFR PAR 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.									
XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT. (Signature of Owner/Operator/Contractor) (Signature of Owner/Operator/Contractor)									

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

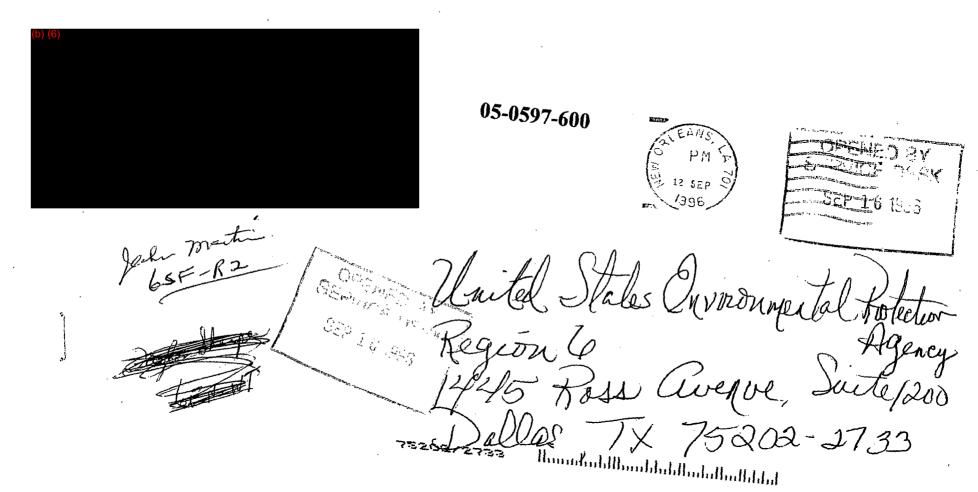
PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE #: 597		ADDRESS:	(b) (6)	
ACM LOCATED BENEATH:	HOUSE			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		=		
SKETCH OR COMMENTS:				
No ACC				
TEAM MEI	MBERS: MT	PLL		

u05259

05-0597-540



Tracking Number	598

FIELD DATA SHEET 1

Site Information:		
Occupant: (b) (6)		Interviewee: (b) (6)
Address:	Gretna	LA, 70053
Phone No.: (b) (6)	-	
Owner Name, Address, and Phone No. if Di	ifferent Than Occupan	it:
Site Description:		
Description of property (circle): single vacant house; vacant lot; other	e home; duplex; b	business; school; daycare; church;
Problems accessing yards (circle): lock resolution:	ked gate; gate; do	ogs; other <u>None</u>
3) Underground utilities installed by owner? septic tank; other	? (circle): (no;) wate	ter; gas; electric; cable TV;
4) Is any underground ACM present? (circle If yes, note on site sketch. How deep?	e): yes; no; don't	t know
Site Sketch:	(b) (6)	
(b)	(6)	
Pains and Volume of ACM.		-
Estimated Volume of ACM:		
Comments: Cimestone		
Date/Time of Interview: (1,30	10/17	Access Granted (circle): (yes;) no
Team Members: TC /KT		

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	0) (6)	
Property's Address:		Gretna
State/Zip: <u>\$A, 7005</u> 3	Phone Number(s): (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

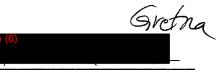
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-9 b DATE (b) (6)
SIGNATURE

		-	1
TD:A OLUMO	-11		579
RACKING	#		12011

SITE SKETCH

ADDRESS:



UPDATED: / / -GRASS -> EMPTY LOT MUD GRASS METEL TRESTAGRASS WATER METER SIDEWALK CONCRETE NOTES: COVER THICKNESS 3" ACM (NTS) 4"SACM RESTORATION: A: SDIL/SDD (= 12' x18') 05-0598-530 C: **ARRIVAL: DEPARTURE:** RESTORATION APPROVED BY: DATE: 6 126 197 TOIT 4-11-95

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			
SITE#	598	ADDRESS: (b) (6)	
	•	Gretna La	

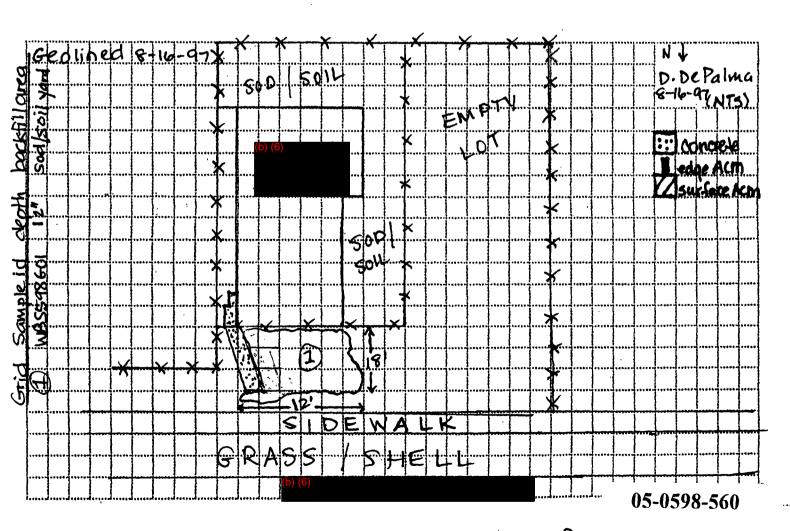
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 8-20-11 mm

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE <u>Duna Pefalma</u>
005264

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma **Ecology & Environmenta!** 11550 New Castle Avenue Baton Rouge, LA 70816

Wednesday, August 20, 1997

Ref Number: IN97861

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBI</u> %	ESTOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WBS601G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected				6 Quartz 6 Other
WBS601G02		Brown Non-Fibrous Homogeneous	Crushed	2% Ch < 1% Cr	rysotile ocidolite				6 Quartz 6 Other
WBS601G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile				6 Quartz 6 Other
WBS598G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	•				6 Quartz 6 Other
WBS598G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	-				6 Quartz 6 Other
WBS135G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	•				6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst

Approved Signatory

A HITHINGS

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipps should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0598-570



GRETNA

05-0598-590

005266

WESTBANK ASBESTOS ABATEMENT

R	FS	TO	RΔ	TIC	N	FO	RI	A
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SITE# 598

	DATE	DATE	DATE	DATE	•	/	
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					23. ⁵ 2		ļ
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					5.82		
Sand Installation (sq.yds.)	·				28. ⁵²		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					8.∞		
Concrete (cu.yds.)					0.50		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of F	Page			•
COMMENTS:							•

OMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

05-0598-590

005267

NOTIF	ICATION OF DEMOLITION	AND RENOVATION FORM (c	continued)
X. DESCRIPTION OF PLA		NOVATION WORK AND METH	
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: issions for engineering control. A	
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	^{#3} Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	*3 685 Bridge City Avenue		
City: Slidell "3 Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	iR #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Plac	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV: IF DEMOLITION ORD	ERED BY A GOVERNMENT A	AGENCY, PLEASE IDENTIFY 1	ΓΗΕ AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	D/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		•
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	used unsafe conditions or would	l cause equipment damage (or an u	inreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	VES TO BE FOLLOWED IN THE EVE MATERIAL BECOMES CRUMBLED	ENT THAT UNEXPECTED ASBESTOS I , PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.
Crew will use wet methods to co	ontrol any visible emissions.		<u> </u>
61, SUBPART M) WILL BE	ON-SITE DURING THE DEMOLITIO	NS OF THIS REGULATION (LAC 33:III. ON OR RENOVATION AND EVIDENCE LABLE FOR INSPECTION DURING NO	E THAT THE REQUIRED TRAINING
		Signature of Owner/Oper	rator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	/E INFORMATION IS CORRECT.	Signature of Owner/Open	10-12-96
		(Signature of Owner/Oper/	ami/condactor)

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

NOTIFICATION OF	DEMOLITION AND RE	NOVATION	FORM FO	RM AAC-2 REV.5	/12/95	
# of ADVF's Requested	Parish # 1340	Source #		ADVF#		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)	
II. FACILITY INFORMATION		Contact: Joh	n Martin			
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270			
Mailing Address: 1445 Ross Ave						
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane						
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:			
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno	
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) YES NO	Inspection Date: Jan Apr. 1996				
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 6I0685				
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number))	,	
Building/Component Name: Home (#5	98)	Fire Marshall Project #:				
Street Address: (b) (6)						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n	
Site Location: In front of house		Telephone: NA				
Building Size: NA	# of Floors: NA	Age in Years	: NA	· · · · · · · · · · · · · · · · · · ·		
Present Use: NA		Prior Use: N	A			
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF And a Control of the Control of	APPROPRIAT 3/116	E, USED TO D	ETECT THE PR	ESENCE OF	
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1 Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement	
		Cat I	Cat II	UNIT		
Pipes	·			Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component	`			Cu Ft:	Cu yds: 2	
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) Start: ////// Complete: /2/z/					/2//96	
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: 1//		Complete: /2	121/96	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98 SITE #: 598		ADDRESS:	GRETNA, LA
			· ·/
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	,	
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
No Acu			
TEAM ME	EMBERS:		

05-0598-540

FIELD DATA SHEET 1

Site Information: $\sqrt{\alpha c/4/\sqrt{1}}$	(L) (A)
Occupant: (b) (6)	Interviewee: (6) (6)
Address:	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupa	(b) (6)
Site Description:	
1) Description of property (circle): single home; duplex; vacant house; vacant lot; other	business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; d resolution:	ogs; other
3) Underground utilities installed by owner? (circle): no; was septic tank; other Note location on site sketch.	ater; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don If yes, note on site sketch. How deep?	't know
Site Sketch:	
SIDEWALK	NORTH
7 ZZ (ACN)	→
Estimated Volume of ACM:	
Comments: * priabled access agreement	to Verne Mc Farland
Contact owner to move car out of gar	rage/linestore
Date/Time of Interview: /650 9/25/96	Access Granted (circle) yes; no pending
Team Members: Phode/Inibodlaux	

*

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:

Property's Address:

State/Zip: 70053

Phone Number(s):

(REAR FACING

(REAR FACING

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/19/96 DATE (b) (6)
SIGNATURE'

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:																													
SITE	#	59	9											A	DI	RE	ESS	:	(b)	(6)				}					
		-		•			_											_	G	retn	a, l	La.	700	53	_				
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::::::::::::::::::::::::::::::::::::::		1	****					••••			****				_		-		1		Ī	<u> </u>		••••	· -				

AUTHORIZED EPA/START REPRESENTATIVE 005273

Westmont, NJ 609-858-4800 Piscataway, NJ 908-981-0550

Carle Place, NY 516-997-7251

a, NY Manhattan, NY 251 212-290-0052 Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

so, CA Smyrna,

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Ecology & Environmental 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Thursday, October 10, 1996

Ref Number: TX962394

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: WESTBANK ASBESTOS-REMOVAL SUPPORT

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBA-092401	# 314	9/24/96	8544.60	24.0	100	0.0003	30.57	0.0014
WBA-092402	#314	9/24/96	8444.80	21.5	100	0.0003	27.39	0.0012
WBA-092403	#314	9/24/96	8422.40	24.0	100	0.0003	30.57	0.0014
WBA-092501	# S99	9/25/96	3654.72	14.0	100	0.0007	17.83	0.0019
WBA-092502	A 599	9/25/96	3618.27	9.0	100	0.0007	11.46	0.0012
WBA-092503	#599	9/25/96	3593.97	14.0	100	0.0007	17.83	0.0019

Steven Duhon Analyst Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/convenient is dependent on volume collected by non-laboratory personnel.

Analysis performed by EMSL of Houston.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

August 30, 1996

9/16/96 Ven accordence

w/ Conversation

w/ m. Verre

me Farland

today:



Dear Sir/Ma'am:

During the last year, the U.S. Environmental Protection Agency (EPA) and the Louisiana Department of Environmental Quality (LDEQ) have been investigating possible asbestos contamination within communities on the west bank of the Mississippi River, south of New Orleans, Louisiana. As a protective measure, representatives of these agencies will undertake a cleanup of these Westbank areas. Your residence has been identified as needing a cleanup of asbestos-containing materials. Enclosed are fact sheets that provide additional information on the cleanup and on asbestos.

Representatives of EPA and LDEQ will hold informal meetings on September 12, 1996, from 5:00 until 8:00 PM. The meetings will be held at the following locations:

William Hart Elementary School 2001 Hancock St. Gretna, LA 70053 Ames Elementary School 500 Pine St. Marrero, LA 70058

Westwego Elementary School 537 Avenue D Westwego, LA 70094

Enclosed is a form granting access to your property in order that further assessments may be done. If you will please sign the form, including both your name and address, you will greatly facilitate this process. If you rent or lease the property, will you please provide us with the owner's name, address and phone number, or forward the access agreement to the property owner? Please tell us if an address correction is needed or if you wish to receive future mailings at a different address.

You may bring your signed access agreement form to the meeting in your area. If you have any questions, please call our local information line at 363-4917, or the EPA offices in Dallas at 1-800-533-3508 (toll-free). We look forward to talking with you on September 12.

Sincerely Yours,

John of Mestin

05-0599-600

John J. Martin EPA On-Scene Coordinator

Enclosures

We carrie by to visit you and to inform you about the upcoming events. Your (?) property at has an asbestos material in the drive way. Please call us at your phone number so that I may call you back.

Recycled/Recyclable . Printed with Vanctable Oil Properties on 1998. Pagestone Pages 1998. Pagestone Pages 1998.

Recycled/Recyclable • Printed with Vegetable Oil Based 1775 on 100% Recycled Paper (40% Postconsumer)

NOTIFICATION OF	1240		OKIVI FOR	MAAU-2 REV 5	12/95					
# of ADVF's Requested I	Parish # 1340	Source #		ADVF#						
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIĞINAL	REVISED	CANCELED						
II. FACILITY INFORMATION		Contact: John	n Martin							
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270							
Mailing Address: 1445 Ross Ave										
City: Dallas		State: TX		Zip: 75202						
REMOVAL CONTRACTOR: Quality I	Environmental Constr.	La. Contractor's I	iscense #: 26445	DEQ ID #: 7800008						
Address: 113 Ondine Lane				•						
City: Slidell		State: LA		Zip: 70456						
Contact: Gerald Avery		Telephone: 5	04-646-0039							
OTHER OPERATOR:		DEQ Project	Designer #:							
Address:										
City:		State:		Zip:						
Contact:		Telephone:								
III. TYPE OF OPERATION (CIRC	LE ONE) Demo	Ordered Demo	Renovation	Emergency F	Reno					
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) (ES NO Inspection Date: Jan Apr. 1996										
Inspector's Name: Debra Bendily (LD	DEQ)	Inspector's A	ccreditation #:	610685						
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)							
Building/Component Name: Home (#5	99)	Fire Marshall	Project #:							
Street Address: (b) (6)										
City: Gretna	State: LA	Zip: 70053	Parish: Jefferso	n						
Site Location: In front of house		Telephone: NA								
Building Size: NA	# of Floors: NA	Age in Years: NA								
Present Use: NA		Prior Use: NA	A	·						
VI. PROCEDURE INCLUDING ANA ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIATI /116	E, USED TO D	ETECT THE PR	ESENCE OF					
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit Measurement Below						
		Cat I	Cat II	UNIT	1					
Pipes				Ln Ft:	Ln m:					
Surface Area				Sq Ft:	Sq m:					
Vol RACM off Facility Component			Cu Ft:	Cu yds: 3						
VIII. SCHEDULED DATES ASBESTOS REM	Start: 11/1/96 Complete: 12/21/9									
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) Start: (////96 Complete: /2/2//96										
		7	7							

NOTIFI	CATION OF DEMOLITION A	NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)							
X. DESCRIPTION OF PLA Excavation of residential proper	ANNED DEMOLITION OR REN	IOVATION WORK AND METH on techniques.	IOD(s) TO BE USED:						
OF ASBESTOS AT THE DEM	RK PRACTICES AND ENGINE IOLITION AND RENOVATION wet methods and no visible emis	I SITE:							
XII. WASTE TRANSPORTE	R #1								
Name: Quality Contractors	⁶³ Vaughan Contractors	Contact Person: Jerry Avery	fl.P. Vaughan						
Address: 113 Ondine Lane	685 Bridge City Avenue								
City: Slidell Bridge City	State: LA	Zip: 70458 **3 70094 ·	Telephone#: (504)646-0039 #3(504)436-7777						
WASTE TRANSPORTE	R #2								
Name: B & S Equipment Co., I	inc.	Contact Person: Billy Ryals							
Address: 1713 Winchester Place	2								
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091						
XIII. WASTE DISPOSAL SIT	E:								
Name: Jefferson Parish Landfill (Kelvin Landfill)									
Location: 5800 Avondale 90 W	'est								
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244						
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	HE AGENCY:						
Name:		Tide:	Authority:						
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	/YY)						
XV. FOR EMERGENCY REN	NOVATIONS		,						
Date and hour of emergency (M	M/DD/YY):								
Description of the Sudden, Unex	xpected Event:		***************************************						
Explanation of how the event car	used unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):						
NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED,	YT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO POV	S FOUND OR PREVIOUSLY WDER.						
Crew will use wet methods to co									
XVII. I CERTIFY THAT AN INDIVID 61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHED	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION D BY THIS PERSON WILL BE AVAIL	S OF THIS REGULATION (LAC 33:III. N OR RENOVATION AND EVIDENCE ABLE FOR INSPECTION DURING NO	Chapter 27, Appendix A / 40 CFR PAR' THAT THE REQUIRED TRAINING RMAL BUSINESS HOURS.						
		(Signature of Owner/Opera	stor/Contractor)						

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

1八八百円 0**05277** (Signature of Owner/Operator/Contractor)

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM SITE#

05-0599-590

į		DATE	DATE	DATE			
	DATE.				EST.	ACTUAL	ACT.
	RATE				QTY.	QTY.	COMP.
Rock Installation (sq.yds.)	\$6.84/sy						
Sod Installation (sq.yds.)	\$5.15/sy						^
6" Concrete Installation (sq. yds.)	\$30.10/sy						
4" Concrete Installation (sq. yds.)	\$26.40/sy						` .
Sand Installation (sq.yds.)	\$4.15/sy						
Lower Lift #1	\$1.16/sy						
Lower Lift # 2	\$1.16/sy		\				
Lower Lift #3	\$1.16/sy			1	~ · · · · · · · · · · · · · · · · · · ·		
Rock, Brown (cu.yds.)	\$20.50/cy		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
Rock, Gray (cu.yds.)	\$29.00/cy			\ 	!		
Sand (cu.yds.)	\$12.70/cy						
Concrete (cu.yds.)	N/A						
Plastic Edging (ft.)	\$1.65/ft						
Walkway Rock Inst. (sq.yds.)	\$9.12/sy	/					
Topsoil (cu.yds.)	\$21.00/cy	1					
	Site Ske	tch on B	ack of P	'age			

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IT REPRESENT	ATIVE SIGNATURE	• • ÷ • · •		XS.
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COMMENTS:	Kesteration	_ (ourlited	1 br	Citz.

NOLA REPRESENTATIVE SIGNATURE

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98 SITE #: 599		ADDRESS: GRETNA, LA
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		<u> </u>
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	,
PERCENT OF AREA (ACM)		
SKETCH OR COMMENTS:		
No Acu		
TEAM ME	MRERS.	

05-0599-540

(b) (6)





John Martin USEPA (6 SF-R) 1445 Ross Ave. #1200 Dallas, TX 75202-2733

05-0599-600

75202-2794 54

Harbidastillaaddahlaaldastabbiddhald

0
<u>_</u>

FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee: (6) (6)
Address:	, GRETNA, LA. 70053
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Differ	ent Than Occupant:
Site Description:	
Description of property (circle): single how vacant house; vacant lot; other	me; duplex; business; school; daycare; church;
2) Problems accessing yards (circle): locked gresolution:	gate; gate; dogs; other No suft
3) Underground utilities installed by owner? (circulated the septic tank; other Note location on site sketch. Note location on site sketch.	rcle): no, water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): If yes, note on site sketch. How deep?	yes; no; don't know
Site Sketch:	Garage 1N
Hunze	36' Aun
(b) (6)	Concrete \
Estimated Volume of ACM:	
Comments: Call Som Richard Called a site	e on 12/10/14 linestone of edging
Date/Time of Interview: 16/11 13:45	Access Granted (circle): yes; no
Team Members: Cochill / Johns	on

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owne	er's Name:	(b) (6)		
Property's Add	lress: ^(b) (6)	(1.) (0)	GRUTNA	
State/Zip: <u>LA</u>	70058	Phone Number(s) (6)		
• •	70053	. ,		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

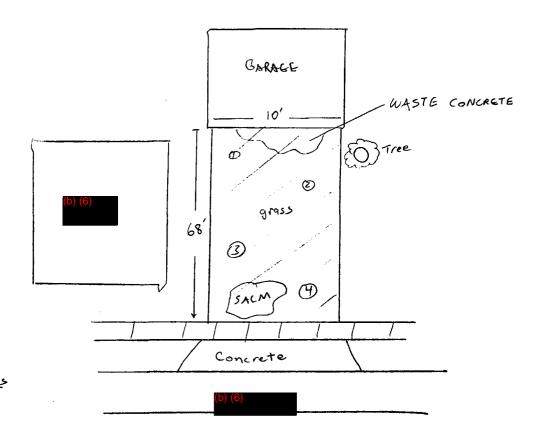
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/24/96 DATE SIGNATURE

N \



coven Thickness

D 4 3

D 3 4

D 3 4

D 3 4

1400hrs 2/12/97 - START and USACOE to IKed to Mr. Knicht and explained why restoration with concrete was not possible. (6) (6) said he wanted to talked to his naphew about restoration. - Tank

1643hr 2/12/97 - USAcoE Expokerwith nephewrite (b) (6)

in (b) (6)

in (b) (6)

in (concrete connect be offered five to the fact discitution only composed about 10% of the runtace of the driveway - the rest of the area was - start and (b) (6)

of restortion with limestone and edging - Town

05-0600-530

(b) (6)

approves restoration with limestone wedsing

005283

z/5/97

Koelylam / in Pinder / Mike Hannut

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

		Gretna, LA	
SITE#	600	ADDRESS: (6) (6)	L
FYI:			

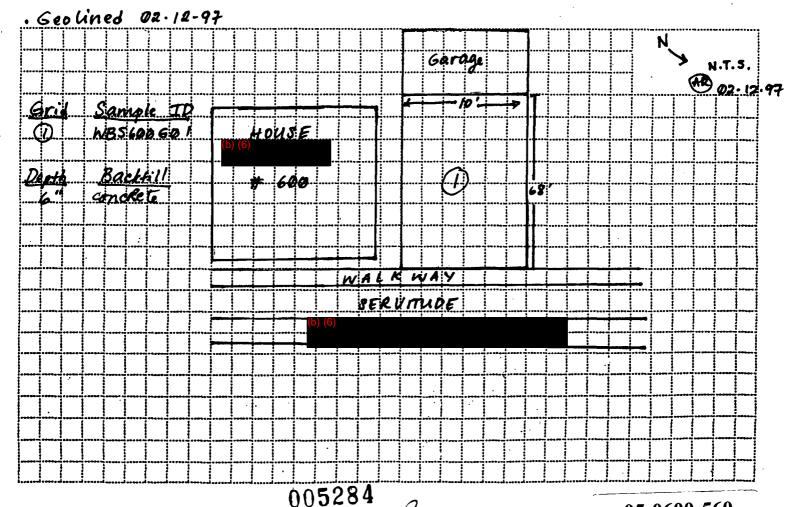
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No anal. res. received as of 02.13.97 (188)

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE _

Baihara Story.

05-0600-560

PAGE 04

Restmost, NJ Plecatavisty, I app. 458-5380 908-581-5881

rentavinky, ISI – Garlo Pi QB 581,4868 – 616-00

Carlo Place, NT 516-007-7251 Mgahuttan, NY Sentile, WA 212-290-2062 203-223-9007 Ano Arbar, M7 313-**868-6**810 8mm Mates, CA 416-670-5401 Sayres, SA

919-287-1487

Houston, TX

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Friday, February 14, 1997

Ref Number: TX97410

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASB.	ESTOS		<u>NONASB</u>	<u>ESTOS</u>		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	% N	ONFIBROUS	
WB\$600G01	(b) (6)	Brown	:Teased	No	ne Detected	44 h	•	100% O	ther :	
1		Fibrous	:							
		'Homogeneous		t						

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arihur Hernandez, 1-1

005285

Approved Signatory

M. M. Hillemann

Disclaimers: PLM has been known to miss asbestos in a small percentage of eamples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. If he above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid, Leboratory le not responsible for the occuracy of results when requested to physically apparets and analyze taylors samples.





	CORPOR	•	_Subject_ <i>Rest</i> e	له ن الم جرجر	site	# 60	٥	_ Sheet No	10
	yDate					•		_ Proj. No	SAME AND A
	:			:	: : :				
			GARAGE						
		(b) (6)	3 Rock						
•	-		11 POCK			:			
	-	SIDEWALK			<u> </u>				
			•		:				
		two sections		: ·	:				in all that is
	ransani								

იი5286

05-0600-590

NOTIFICATION OF	DEMOLITION AND RE	NOVATION	FORM FOR	RM AAC-2 REV 5	/12/95
# of ADVF's Requested 1	Parish # 1340	Source #		ADVF#	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCELED	
II. FACILITY INFORMATION	Contact: John	n Martin			
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270		
Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's l	Liscense #; 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane					
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:					
City:		State:		Zip:	· · · · · · · · · · · · · · · · · · ·
Contact:		Telephone:			
III. TYPE OF OPERATION (circ	LE ONE) Demo	Ordered Demo	Renovation	Emergency F	Reno
IV. IS ASBESTOS PRESENT? (CIT	CLE ONE) (ES) NO	Inspection D	ate: Jan Apr.	1996	
Inspector's Name: Debra Bendily (LE	Inspector's A	Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)		
Building/Component Name: Home (#6	Building/Component Name: Home (#600) Fire Marshall Project #:				
Street Address: (b) (6)					
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n
Site Location: On side of house		Telephone: NA			
Building Size: NA	# of Floors: NA	Age in Years	: NA		
Present Use: NA		Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116					
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement
		Cat I	Cat II	UNIT	
Pipes		l.		Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component	•.			Cu Ft:	Cu yds: 5
VIII. SCHEDULED DATES ASBESTOS REM	VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) Start: /// 7/96 Complete: (2/z//96				
IX. SCHEDULED DATES DEMO/RENOVA	Start: 11/	7/96	Complete: ィと	121/96	

NOTIF	ICATION OF DEMOLITION A	AND RENOVATION FORM (c	ontinued)		
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.					
OF ASBESTOS AT THE DEM	RK PRACTICES AND ENGINE MOLITION AND RENOVATION wet methods and no visible emis	1 SITE:			
XII. WASTE TRANSPORTE	R #1				
Name: Quality Contractors	¹³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan		
Address: 113 Ondine Lane	²³ 685 Bridge City Avenue				
City: Slidell	State: LA	Zip: 70458 43 70094	Telephone#: (504)646-0039 #3(504)436-7777		
WASTE TRANSPORTE	:R #2				
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals			
Address: 1713 Winchester Place	е				
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091		
XIII. WASTE DISPOSAL SIT	Œ:				
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)				
Location: 5800 Avondale 90 W	/est				
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244		
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY 1	THE AGENCY:		
Name:		Title:	Authority:		
Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)					
XV. FOR EMERGENCY RENOVATIONS					
Date and hour of emergency (M	IM/DD/YY):				
Description of the Sudden, Une	xpected Event:				
Explanation of how the event ca	aused unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):		
XVI. DESCRIPTION OF PROCEDUT NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO PO	S FOUND OR PREVIOUSLY WDER.		
Crew will use wet methods to c	ontrol any visible emissions.				
61, SUBPART M) WILL BE	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION D BY THIS PERSON WILL BE AVAIL	N OR RENOVATION AND EVIDENCE	THAT THE REQUIRED TRAINING		
(Signature of Owner/Operator/Contractor)					
XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT. Qual 18/10-12-96					

(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 0.05288 BATON ROUGE 0.05288

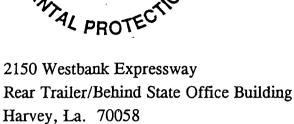
(Signature of Owner/Operator/Contractor)

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98 SITE #: 644		ADDRESS:	GRETNA, LA
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
	/		
		······································	
	/		
			
NoAcm			
, ac	***************************************		
No			
	, , , , , , , , , , , , , , , , , , , 		ar ad a second area.
	 		
		,	
	<u> </u>		

TEAM MEMBERS:







Telephone (EPA): (504) 363-0037 Telephone (START): (504) 363-2980 Fax: (504) 363-4732

WESTBANK ASBESTOS SITE **FAX COVER SHEET**

TO: Lynn Coyne LOCATION: Greetna City Hall FAX: 363 1509	DATE: CHARGE NO.:	12/19/96
PAGE 1 OF		
FROM: JOHN MARTIN, OSC SUBJECT: ASBESTOS IN DRIVEWAY A	(1.) (6)	
REMARKS: The Asbestos site mentioned been noted on our list	in your letter as site #6	r has previously ΦΦ. It will be
Scheduled for removal of Jim 519 ned by the owner The you have any questions of 363-4719.		,
JOHN MARTIN	00 52 00	05-0600-600

CITY OF GRETNA

RONNIE C. HARRIS, MAYOR

SUSAN E. PERCLE
CHIEF ADMINISTRATIVE OFFICER
AZALEA M. ROUSSELL
TAX COLLECTOR
CITY CLERK
RUDOLPH DUSAULES

TREASURER

FINANCE DIRECTOR

P.O. BOX 404 GRETNA, LOUISIANA 70054-0404 PHONE: (504) 363-1500 FAX: (504) 363-1509

December 19, 1996

ALDERMAN

HUBERT F. UZEE

AT LARGE / MAYOR PRO-TEM

LEO JONES, JR.

DISTRICT ONE

SALVADORE MARCHESE, JR.

DISTRICT TWO

VINCENT E. COX, III

DISTRICT THREE

GERARD E. SCHEXNAYDER

EPA COMMAND POST TRAILER LOUISIANA STATE OFFICE BUILDING 2150 WESTBANK EXPRESSWAY HARVEY, LOUISIANA 70058

RE: (b) (6)

, Gretna, La. 70053

Site#6pp

Gentlemen:

I recently received a memo from (b) (6) in which he states that there is asbestos in the driveway between these two buildings.

Since my office is not equipped to check for asbestos, and since your operation includes this area I request that your crews check this location and advise me of your findings so that can be advised.

Thanking you in advance for your attention to this matter, I remain;

Lynn Ed. Coyne Building Official

LEC/tss

CC

Mayor

(b) (6) Files

05-0600-600

009-0090-50

CITY OF GRETNA

SECOND AND HUEY P. LONG AVE. P.O. BOX 404

GRETNA, LOUISIANA 70054-0404 LYNN ED. COYNE

> EPA Command Post Trailer Louisiana State Office Building 2150 West Bank Expressway Harvey, Louisiana, 70058

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/3/98 SITE #: 600	(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
January Mills	05-0600-540
	U5-U0UU-54U

TEAM MEMBERS:

Fracking Number	601
•	

Cà

FIELD DATA SHEET 1

Site Information:
Occupant: Vacant Interviewee:
Address: (b) (6) GRETNA, LA.
Phone No.: (b) (6)
Owner Name Address and Phone No. if Different Than Occupant: Vacant Contact City
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other House has been demolished 12419 is muin
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
foundation 12/4496 Acm 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Estimated Volume of ACM:
Comments: (all: Nouve appeare vacant. Access mailed to owner!
Date/Time of Interview: /2/4/96 Access Granted (circle): (yes:) no 12/02/96
Team Members: SA)/MI

Call Record

(2/2/94 1460

Called LM on machine concerning

Grotna

12/3/94 Returned call. Lift message.

0756

recycled paper

ecology and environment

CONSENT FOR ACCESS TO PROPERTY

WESTBANK ASBESTOS SITE

Property Owne	er's Name:		
Property's Add	dress:	(-)	GRETNA, LA.
State/Zip: LA	70053	_Phone Number(s):_	D)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property,
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

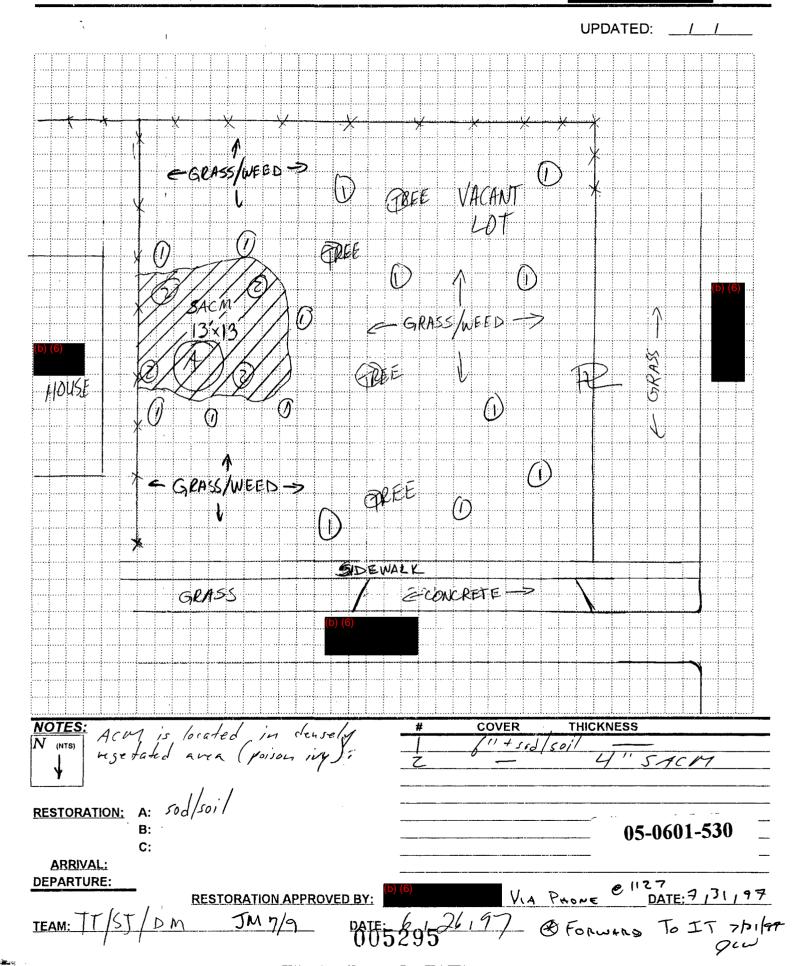
SIGNATURE

05-0601-520

SITE SKETCH

ADDRESS:

(b) (6)



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

ADDRESS:

SITE#

ADDRESS:

OTOTHA

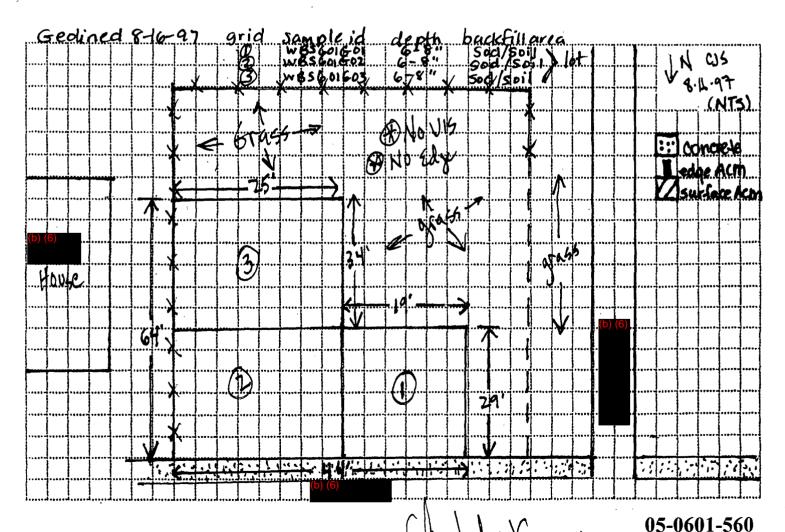
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

20, 1997

Attn.: Deena DePalma Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

3175705894

Wednesday, August 20, 1997

Ref Number: IN97861

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS

			SAMPLE TREATMENT	ASBE	stos	NONASBESTOS				
SAMPLE	LOCATION	APPEARANCE		%	TYPE	%	FIBROUS	%	NONFIBROUS	
WB\$601G01	··(b) (6)	·Brown	Crushed	No	ne Detected		***************************************		Quartz	
•		Non-Fibrous						70%	Other	
		Homogeneous								
		;	.1	•	•	1				
VVBS601G02		Brown	Crushed	2% Ch	rysotile			80%	Quartz	
1		Non-Fibrous		< 1% Cro	cidolite	!		18%	Other	
!		Homogeneous				İ				
•		1	J	.1		i				
√B\$601G03		Brown	Crushed	< 1% Ch	rysotile			80%	Quartz	
•		Non-Fibrous	:			i		20%	Other	
•		Homogeneous		!						
•		i		!		•			•	
√3S593G01		Brown	·Crushed	< 1% Ch	rysotil o	į		80%	Quartz	
		Non-Fibrous		< 1% Cr	*			20%	Other	
		Homogeneous								
			.1	.)		1				
8/3S598 G02		in	Crushed	< 1% Ch	oventile.	Ţ·····		30%	Quartz	
8755586 GUZ		Brown	Ciustiea	< 1% Cr	-	!			Other	
		Non-Fibrous Homogeneous		1770	50,001110	1				
			<u></u>			ــــــال				
				< 1% Ch				80%	6 Quartz	
WBS135G01		Brown	Crushed	< 1% Cn	=				6 Other	
		Non-Fibrous	İ	1 7 CI	DCIOONIC				, Outo	
i		Homogeneous	1.							
1	!	•				•				

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Disclaimers: PLM has been known to miss eabestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. This above test report critates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered aamples.

05-0601-570



3y_ <i>PM</i>	Date_ <i>8-16-97</i> _Subject	RESTORATION SITE	# 601	_Sheet Noc	of
hkd By	Date			Proj No	

GRETNA SAND SIDEWALK

05-0601-590

005298

WESTBANK ASBESTOS ABATEMENT

RESTORATION FORM

SITE#	601
-------	-----

DATE DATE DATE DATE EST. ACTUAL ACT. QTY. QTY. COMP. Rock Installation (sq.yds.) 256.00 Sod Installation (sq.yds.) 6" Concrete Installation (sq. yds.) 4" Concrete Installation (sq. yds.) Sand Installation (sq.yds.) Lower Lift Sand Rock, Brown (cu.yds.) Rock, Gray (cu.yds.) 48.∞ Sand (cu.yds.) Concrete (cu.yds.) Plastic Edging (ft.) Walkway Rock Inst. (sq.yds.) Topsoil (cu.yds.) **EXTRA** Site Sketch on Back of Page **COMMENTS:**

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

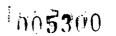
005299

05-0601-590

NOTIF	ICATION OF DEMOLITION A	AND RENOVATION FORM (c	ontinued)
X. DESCRIPTION OF PLA	ANNED DEMOLITION OR REN erties utilizing standard construction	IOVATION WORK AND METH	
OF ASBESTOS AT THE DEM	PRK PRACTICES AND ENGINE MOLITION AND RENOVATION wet methods and no visible emis	I SITE:	
XII. WASTE TRANSPORTE	SR #1		
Name: Quality Contractors	^{#3} Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	#3 685 Bridge City Avenue		
City: Slidell ' " Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 *#3(504)436-7777
WASTE TRANSPORTE	IR #2		
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Plac	е		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV., IF DEMOLITION ORD	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DI	D/YY) 🕟
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		•
Description of the Sudden, Une	xpected Event:	•	
Explanation of how the event ca	aused unsafe conditions or would	cause equipment damage (or an u	inreasonable financial burden):
NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.
Crew will use wet methods to c			
61, SUBPART M) WILL BE	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION D BY THIS PERSON WILL BE AVAIL	N OR RENOVATION AND EVIDENCE	THAT THE REQUIRED TRAINING
	•	(Signature of Owner/Oper	ator/Contractor)
XVIII. I CERTIFY THAT THE ABOV	/E INFORMATION IS CORRECT.	Just 2 Holy	10-12-96
		(Signature of Owner/Oper	ator/Contractor)

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895



NOTIFICATION OF	DEMOLITION AND RE	NOVATION	FORM FO	RM AAC-2 REV 5	/12/95		
# of ADVF's Requested 1	Parish# 1340	Source #		ADVF#			
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)		
II. FACILITY INFORMATION		Contact: Joh	n Martin				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270				
Mailing Address: 1445 Ross Ave	γ: 'est 4 μ						
City: Dallas		State: TX		Zip: 75202			
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7500008			
Address: 113 Ondine Lane							
City: Slidell		State: LA		Zip: 70456			
Contact: Gerald Avery		Telephone: 5	04-646-0039				
OTHER OPERATOR:		DEQ Project	Designer #:				
Address:				·			
City:		State:		Zip:			
Contact:		Telephone:		-			
III. TYPE OF OPERATION (CIRC	LE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno		
IV. IS ASBESTOS PRESENT? (CI	CLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996			
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:	610685			
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)	1			
Building/Component Name: Home (#6	01)	Fire Marshal	l Project #:				
Street Address:(6) (6)							
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson			
Site Location: On side of house	•	Telephone: N	IA				
Building Size: NA	# of Floors: NA	Age in Years	: NA				
Present Use: NA	*	Prior Use: N	A				
VI. PROCEDURE INCLUDING AN. ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A	APPROPRIAT 3/116	E, USED TO D	ETECT THE PR	ESENCE OF		
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement		
		Cat I	Cat II	UNIT			
Pipes	•			Ln Ft:	Ln m:		
Surface Area				Sq Ft:	Sq m:		
Vol RACM off Facility Component				Cu Ft:	Cu yds: 2		
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ///-	7/86	Complete: / 2	121/96		
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: 11/7/96 Complete: /2/2//					

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/3/98</u> SITE #: <u>60/</u>		ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:	NA	=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		vocant Di

005302

TEAM MEMBERS:

05-0601-540

Tracking Number 60Z

Site inition.	(b) (c)
Occupant: (b) (6)	Interviewee:
Address:	GRETNA, LA. 70053
Phone No.	/
Owner Name, Address, and Phone No. if Different 7 (b) (6) (Mother to law) Site Description:	Than Occupant:
Description of property (circle) single home; vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other None
3) Underground utilities installed by owner? (circle) septic tank; other Note location on site sketch.	: (no;) water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	no; don't know
Site Sketch: 5 x 16	owner
Date/Time of Interview: 15/9 - 9!	45 Access Granted (circle): (yes;) no
Team Members: KT/KS	1 100000 Granda (onoto). 13039 no

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property's Address: (6) (6)	GRETNA	
State/Zip: LA 70053 Phone Num	ber(s): (b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination,
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

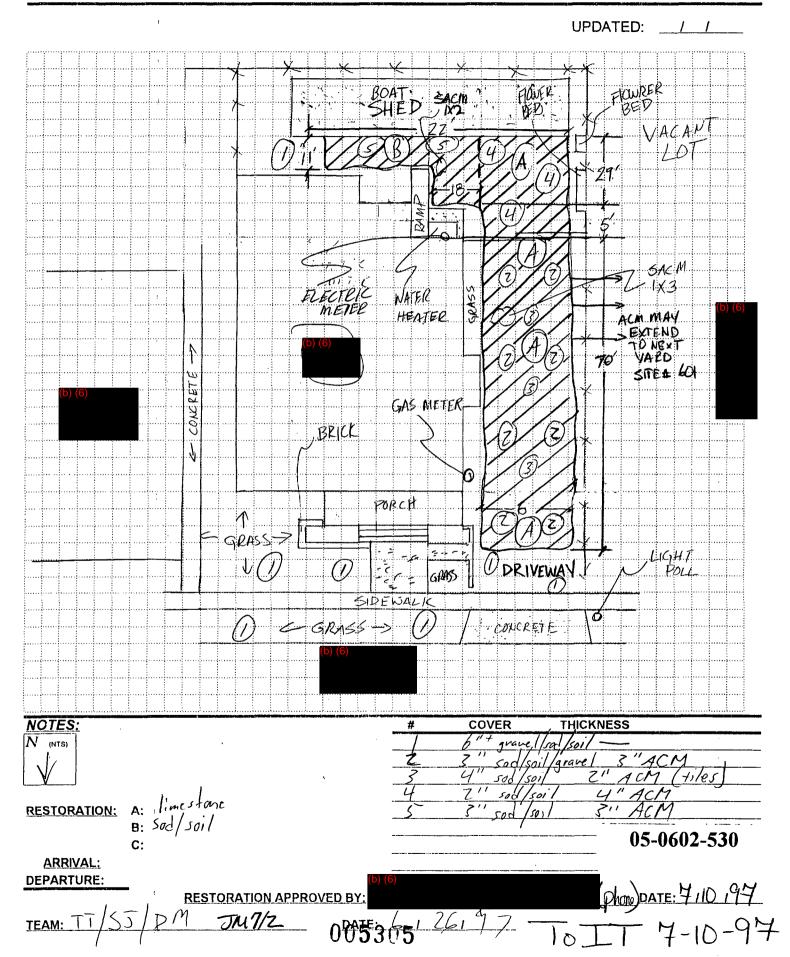
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

(b) (6)

DATE DATE

ADDRESS:





WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	:														_									•	
SITE	∃# -		6C) <u>}</u>	•							ΑI	DDR	ESS		Gr	e+	<u> </u>	-	7	A				_
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AUTHORIZED EPA/START REPRESENTATIVE

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

3175705894

Friday, August 01, 1997

Ref Number: IN97668

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

						1.75	
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE		ONASBESTOS OUS %	NONFIBROUS
WBS965G03	(b) (6)	Brown Non-Fibrous	Crushed	< 1% Chrysotlle < 1% Crockdolite		40% 60%	Quartz Other
·		Homogeneous		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			Designation of the second
WBS589G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	Tomper die 1 -		Quartz Othec
WB\$602G01		Brown/Grey Fibrous Heterogeneous	Teased	< 1% Chrysotile < 1% Crocidolite	Total		Quartz Other
WBS141G01		Brown Non-Fibrous	Crushed	None Detected		40%	Quartz Other
WBS141G02		Homogeneous		None Detected	The second of th	· Section of	Quartz
i		Non-Fibrous Homogeneous					Other
WBS141G03		Brown Non-Fibrous Hornogeneous	Crushed	< 1% Chrysotile		60%	Quartz Other
L		•	Company of the second	1 Santage			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency at the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not reaponable for the accuracy of results when requested to physically separate and analyze layered samples.

05-0602-570

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Monday, August 04, 1997

Ref Number: IN97684



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	Sample Treatment	<u>Asbertos</u> % type	%	<u>NONASRES</u> FIBROUS	 NONFIBROUS
WB8141G09	(6) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected	<u> </u>		Quartz Other
WBS141G10		Brown Non-Fibrous Homogeneous	Crushed	None Detected	Tomorphi w 171		Quartz Other
WB9602G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crockfolite			Quartz Other
WB\$602G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crackfolke	:		Quartz Other
WB9502G04		Brown Non-Pibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite		" ; " '	Quartz Other
WBS140G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	1		 Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

*NY samples also analyzed by ELAP 196-1 Method

Jane Wasilewski Analyst Approved Signatory

Disolatmers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Ploor tiles and wipes should be tested with either 8EM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test need not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid.

I shoresory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0602-570

NOV-27-1996 17:18 FROM LDEG HOTLINE RADIO ROOM TO

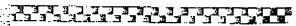
AIR P. 01

LDEQ 24 HOUR NOTIFICATION HOTLINE

(504) 342-1234	HOTLINE C	ONTACT: (Dece	a Hayes	
DATE REPORTED:	II /27/96 T	IME REPORTED:	H:II BAM	gwar time notation. is: 8:00 AM) (X in required boxes)
SPILLANCE EN PRE	LEASE	Chye	COMPLAINT []	(Clayequired boxes)
CALLER INFORMA NAME: (b) (6)	TION: Citizen	Anonymous —Covernment	address II Tray w (If instantin) out the s	is enanymous do not put name, , or phone number on this form. and to be contacted may anonymous.
COMPANY NAME (*): Mailing address: Street PO Sox: (0)(6)	sum San			
City/Town: Streetze Zip code:	Phone number:	Parish (er author) (6) (6) (6) (6) (7) (6) (7) (7) (7) (7) (7) (8) (7) (8) (8) (8) (8) (8) (8) (8) (8) (8) (8	. • -	(b) (6)
This is an em		This is a drill.		(It is required boxes)
Ustate Police has be National Response Cost Guard has be Clocal/parish hazar Other agencies:	een notified. (504)9 Center has been deen notified.	notified. (1-800-424	Av an sadden	nd hones)
Date of discharge: Time discharge was to MEDIA AFFECTED (Kin regular) boxes Weather conditions	11-16/91e noticed Beginning	ton regular time note (2 at re	to, le: 8:00 AM) & A quiest bosso Ending :	- demoloched Tam Tem
Spit GARBIE/SEIN Quantity & Name of College College		how		general de la constantina della constantina dell
Nature of problem	Antine Dog	F	; alat. a	L. dust
low was spill containd? low was spill cleaned up lature & grant of any rej				
Provide detailed ins	tructions for reaching	g the site totalical a migrather,		Structury a. For all fields field number)
Aroutage.	egit milt		theretak	ll right s
Referred to: Ser		Sec. off. Date face:	i i alderim	tord 4:17 CAM
		0053 09	05-0602	.600 FAL P.01



DEMO 11.9.96 STARTIETOCAM



FAX	FROM JOINEY
MAGIE	CO. LA/DEQ BOUTHEAST REGIO:
CO.	504-471-28 00
J63-4752	504-471-2806
MESSAGE	

NOTIFICATION OF	DEMOLITION AND RE		FORM FO	RM AAC-2 REV 5	/12/95	
# of ADVF's Requested 1	Parish # 1340	Source #		ADVF#		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL REVISED CANCELED				
II. FACILITY INFORMATION	Contact: John	n Martin				
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270			
Mailing Address: 1445 Ross Ave						
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's I	Liscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane						
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:			
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno	
IV. IS ASBESTOS PRESENT? (CI	RCLEONE) (FS NO	Inspection D	ate: Jan Apr.	1996		
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 6I0685				
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)			
Building/Component Name: Home (#6	02)	Fire Marshall	Project #:			
Street Address:(b) (6)						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferso	n	
Site Location: On side of house		Telephone: NA				
Building Size: NA	# of Floors: NA	Age in Years	: NA			
Present Use: NA		Prior Use: NA				
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A	APPROPRIATI 3/116	E, USED TO D	ETECT THE PR	ESENCE OF	
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement	
		Cat I	Cat II	UNIT	.:	
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component				Cu Ft:	Cu yds: 8	
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) Start: 11/7/96 Complete: (2/2//96					1/21/96	
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: 4/	7/96	Complete:	2/21/96	

X. DESCRIPTION OF PLA Excavation of residential proper	NNED DEMOLITION OR REN	OVATION WORK AND METH on techniques.	OD(s) TO BE USED:
OF ASBESTOS AT THE DEM	RK PRACTICES AND ENGINE IOLITION AND RENOVATION wet methods and no visible emis	N SITE:	•
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	¹³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan
Address: 113 Ondine Lane	n 685 Bridge City Avenue		
City: Slidell Bridge City	State: L'A	Zip: 70458 *3 70094	Telephone#: (\$04)646-0039 #3(\$04)436-7777
WASTE TRANSPORTE	R #2		
Name: B & S Equipment Co., I	inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	9		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfil	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	'est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	HE AGENCY:
Name:		Tide:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	/YY)
XV. FOR EMERGENCY REI	NOVATIONS		
Date and hour of emergency (M	M/DD/YY):		•
Description of the Sudden, Unex	xpected Event:		
Explanation of how the event ca	used unsafe conditions or would	cause equipment damage (or an u	nreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS Crew will use wet methods to co	RES TO BE FOLLOWED IN THE EVEN MATERIAL BECOMES CRUMBLED, ontrol any visible emissions.	IT THAT UNEXPECTED ASBESTOS IS PULVERIZED, OR REDUCED TO POV	S FOUND OR PREVIOUSLY WDER.
XVII. I CERTIFY THAT AN INDIVI 61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHE	DUAL TRAINED IN THE PROVISIONS ON-SITE DURING THE DEMOLITION D BY THIS PERSON WILL BE AVAIL.	S OF THIS REGULATION (LAC 33:III. N OR RENOVATION AND EVIDENCE ABLE FOR INSPECTION DURING NO	Chapter 27, Appendix A / 40 CFR PAR THAT THE REQUIRED TRAINING RMAL BUSINESS HOURS.
		(Signature of Owner/Opera	itor/Contractor)
XVIII. I CERTIFY THAT THE ABOV	'E INFORMATION IS CORRECT.	Signature of Owner/Opers	10-12-96 tor/Contractor)

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

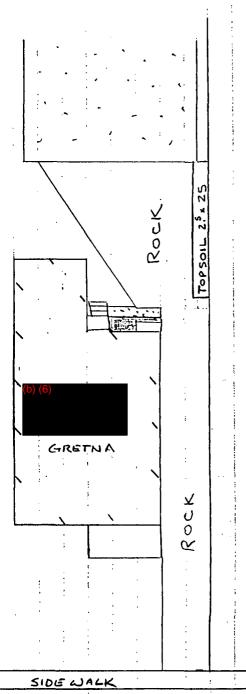
PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895



Ву	PM	Date 8-1-97	Subject_	RESTORATION	site #	60Z	Sheet No	of
Chkc	l. By	Date					Proj. No	

NOTE: LINES ARE NOT PERFECTLY STRAIGHT
AS DRAWN, INSTAIL ROCK IN STRAIGHT
LINES AND BACK FILL POCKETS WITH
SAND OUTSIDE OF ROCK.



SS

05-0602-590

405313

WESTBANK ASBESTOS ABATEMENT

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTORATION FORM

05-0602-590

SITE	#	602

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
ock installation (sq.yds.)					159.00		
od Installation (sq.yds.)							
" Concrete Installation (sq. yds.)							
" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					10.∞		
.ower Lift Sand					was a glassy and a second and a second and a second and a second and a second and a second and a second and a		
lock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					50.2		
Sand (cu.yds.)	••				Ζ,°°	,	
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Nalkway Rock Inst. (sq.yds.)						•	
Topsoil (cu.yds.)					3.00		
EXTRA							
	Site Ske	etch on E	Back of F	age			
COMMENTS:			·			•	
IT REPRESENTATIVE SIGNATU	IRE						

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/2/98 SITE #: 602		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		
SKETCH OR COMMENTS:		
Johnson		skirtes
TEAM MEME	BERS: DA/A	05-0602-540

005315

Tracking Number	603
Trucking Trumbor	

Site Information (b) (6)	l:		(b) (6)	
Occupant:			Interviewee:	
Address:	(b) (6)	, Gret	na, LA -	10053
Phone No.:	(5) (6)			
Owner Name,	ess and Phone No. if I	Different Than Occupa	ant:	an Anlen
Site Description:				
	roperty (circle); sing vacant lot; other	le home; duplex;	business; school; da	aycare; church;
	ing yards (circle): loc		logs; other <u>Non</u>	<u>e</u>
	lities installed by owner ther site sketch.	r? (circle): no; w	ater; gas; electric;	cable TV;
	nd ACM present? (circ e sketch. How deep? _	le): yes; no; doi	1't know	
Site Sketch:	Acm dizi	Nause Acm -10'->		
	60 Ct 2 + 120 Ct 2	12		
Comments: (b) (6) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	of ACM: 890 f	rushed limes grass for boo	tone with edgi	ng for driveway 191969: 30a.m.n
Date/Time of Interv	iew: 10/9	10:05	Access Granted (circle	e): yes; no
Team Members:	KJ/KS			

Tracking Number(003
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Site information.	(b) (6)
Occupant:	Interviewee:
Address:	V /
Phone No.:	
Owner Name, Address, and Phone No. if Different Than October (b) (6) Agustie - Dwis ; the control of the contr	ccupant (b) (6)
Site Description:	
Description of property (circle): single home; duple vacant house; vacant lot; other	ex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate resolution:	dogs other
3) Underground utilities installed by owner? (circle): no; septic tank; other	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no: If yes, note on site sketch. How deep?	don't know
Site Sketch: Coac-do Acr	Crothe (b) (6)
Estimated Volume of ACM:	
Comments: gove another access agreend to crushed limester un edging toraniveway and front of h	nouse. Dirt & grass for backyard.
Date/Time of Interview: 10.46	Access Granted (circle) yes; no
Team Members:	

Site Information:	
Occupant: (b) (6) Interviewee	
Address: Gretna, LA 7000	53
Phone No.:	
Owner Name Address and Phone No. if Different Than Occupant:	
(b) (6)	
Site Description:	
Description of property (circle); single home: duplex; business; school; daycare; vacant house; vacant lot; other	church;
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>Non e</u> resolution:	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV septic tank; other	/;
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
Site Sketch: Response of ACM:	driveway 9:30a.m.m.d
Date/Time of Interview: 10/9 10:05 Access Granted (circle): yes;	no
Team Members: KJ/KS	

TRACKING# 603

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(b) (d			
Property Owner'	s Name:			
Property's Addre				
State/Zip: A	70053 P	hone Number(s):_(b) (6)		_

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

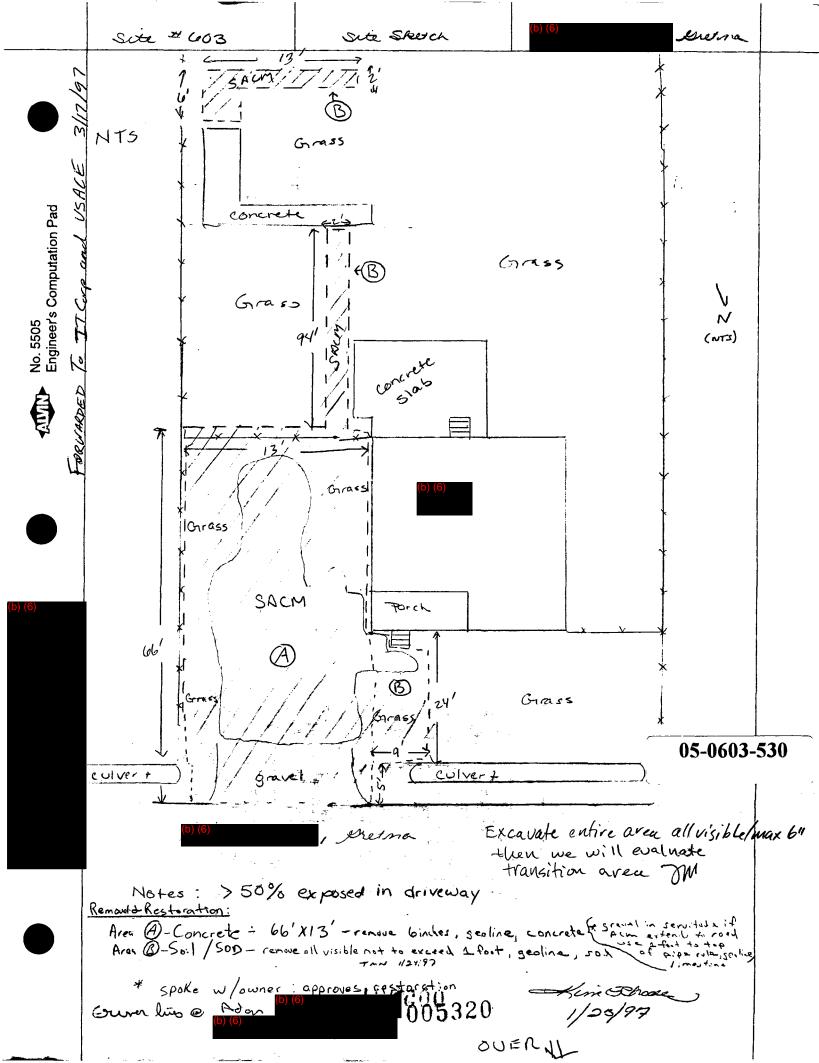
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

SIGNATURE



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WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:									5) (6)							•
SITE#	03					AD	DRES	-	(0)							· · · · · · · · · · · · · · · · · · ·
	·							•••	Gr	etr	na	<u>, L</u>	<u>-H</u>			
THE SAMPLE WERE EVALU			-				N_N	ID A	NAL	TY	<u>ca</u> l	- R	ESU	LT	S ,	AND BAS
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WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENTATIVE

415-570-5401

404-333-9096

\$10-887-7251

688-888-4900

Westmoont, NJ Placetaway, NJ Carle Place, NT Manhatran, NT Scattle, WA Ann Arbor, MI San Matoo, CA Smyron, GA Greensbore, NC

203-223-8007

313 668 6818

713-694-3635

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

212-290-0062

Tuesday, April 01, 1997

910-297-1487

Ref Number: TX971062

POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS PROJECT

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	asaes %	SIOS TYPE	%	NONASE FIBROUS	BESTOS % NONFIBROUS
WBS603G01	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1% Chry	/sotile	. 1		100% Other
WB\$603G02		Brown Non-Fibrous Homogeneous	Teased	None	e Detected	. (100% Other
WB\$603G03		Brown Fibrous Hornogeneous	Teased	< 1% Chry	; /sotile	•	1 ,	100% Other
WBS603G04		Brown Non-Fibrous Homogeneous	Teased	None	e Detected			100% Ölher
WB\$603G 05		Brown Fibrous Homogen e ous	Teased	2% Chry	raotil a	·	1	98% Other
WBS096G01		∃Brown ∍Fibrous ∍Homogen e ous	Teased	: < 1% Chry	reotile	•	}	100% Other

Comments. For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr./ Analyst

05324

Approved Signatory

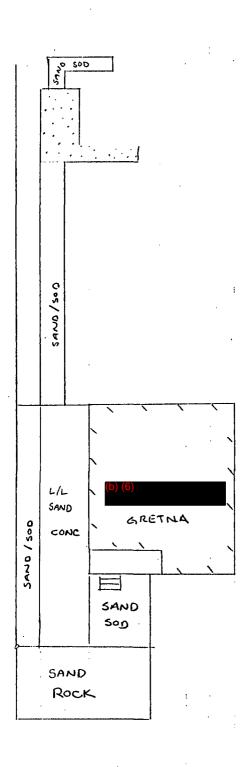
Disclaiments: PLM has been known to miss asheatos in a small percentage of eamples which contain asheatos. Thus negative PLM results cannot he guaranteed. Ploor these and wipes should be tested with either SEM or TEM. The above test report relates only to the items shalled. This report ries only be reproduced in full with written approval by EMSL. The above test must not be used by the client to cleim product endorsement by NVLAP nor any opency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboual or work is not responsible for the eccuracy of results when requested to physically separate and analyze legared samples.

05-0603-570



 By
 PM
 Date
 4-1-97
 Subject
 Restantion
 site
 # 603
 Sheet No.
 of

 Chkd. By
 Date
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 Proj. No.
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05-0603-590

125325

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTORATION FORM

05-0603-590

SITE# <u>603</u>

	DATE	DATE	DATE	DATE	•		
				,	EST.	ACTUAL	
· · · · · · · · · · · · · · · · · · ·					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					43.⁰		
Sod Installation (sq.yds.)				·	102.50		
6" Concrete Installation (sq. yds.)					55. ⁵⁰		
4" Concrete Installation (sq. yds.)		:					
Sand Installation (sq.yds.)					145.20		ļ
Lower Lift Sand					55. ⁵⁰		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					10.∞		
Sand (cu.yds.)					36.≅		
Concrete (cu.yds.)					9.50		ļ
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)				·		. ,	
Topsoil (cu.yds.)							
EXTRA					,		
	Site Ske	etch on E	Back of F	Page			
COMMENTS:							
					:		
	····						
IT REPRESENTATIVE SIGNATU	RE						·

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: $\frac{8/27/98}{0.003}$		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:	2001		
Do Ros			
TEAM ME	MBERS: PLL/y	nTC	
			05-0603-540

005327

Tracking Number	604

Site Information:
Occupant: (b) (6) Interviewee:
Address: Algiers, LA, 70114
Phone No.: (b) (6)
Owner Name Address and Phone No. if Different Than Occupant:
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): water; gas; electric; cable TV; septic tank; otherNote location on site sketch.
4) Is any underground ACM present? (circle): ves no; don't know If yes, note on site sketch. How deep?
Site Sketch: CONCRETE CONCRETE Concred, but reported by sweet of ACM: SOft? Estimated volume of ACM: SOft?
Estimated volume of ACM:UTT
Comments: 11-20 left access agreement et (6) (6) house; IM/AR, 11:00 Backfill: Olimestone, @ soil/sod
Date/Time of Interview: $1/ 2 - 0945$ Access Granted (circle): (ves.) no
Team Members: IM/AR

604

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (b)	
Property's Address:_ (b) (6)		Alaiers
State/Zip: Lr 70114	Phone Number(s): (b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response

action EPA will perform.

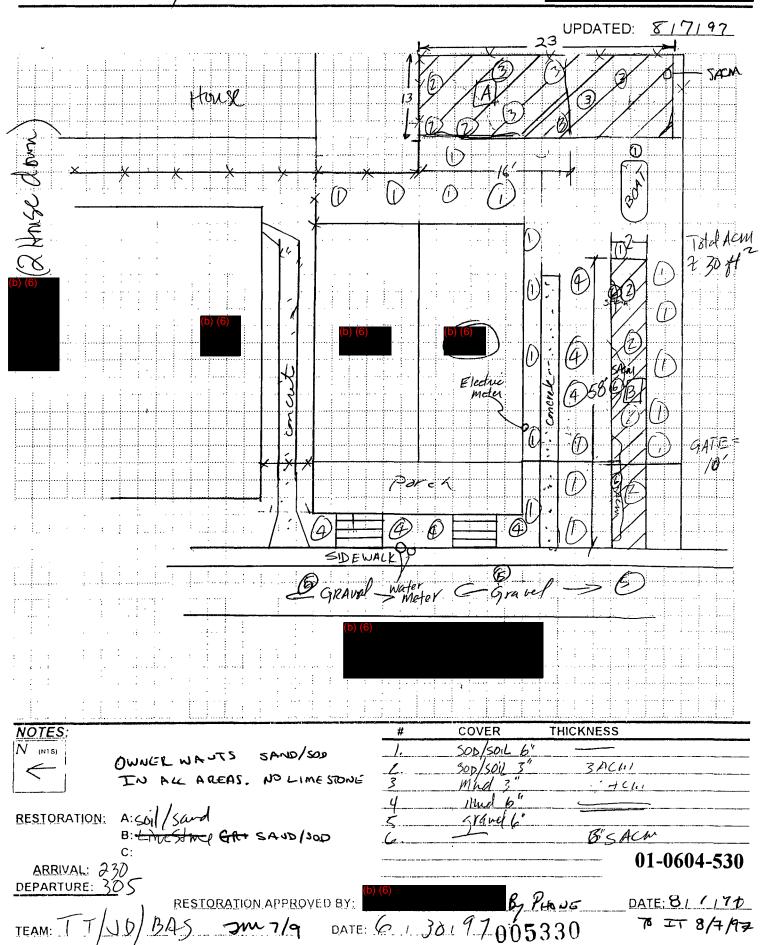
TURE

Algiers

TRACKING # 604

SITE SKETCH

ADDRESS:



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			
SITE#	604	ADDRESS: (b) (6)	<u> </u>
		Algiers, LA	

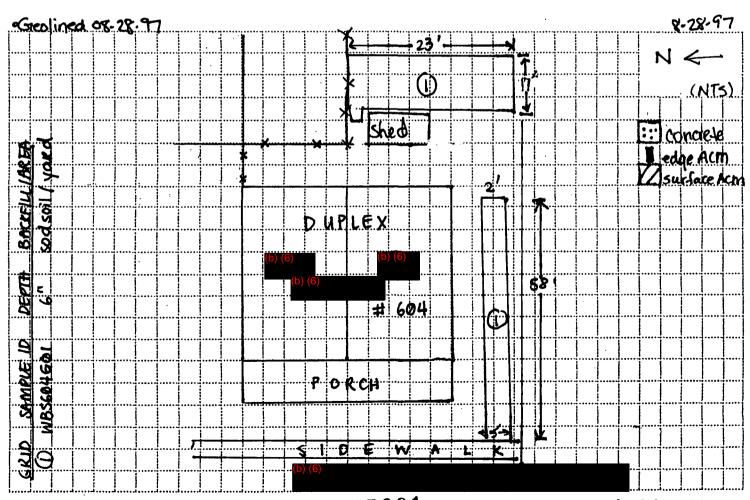
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON <u>09-02-97</u>

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ______

B. FURTHER ACTION NECESSARY:



005331 .
AUTHORIZED EPA/START REPRESENTATIVE <u>Alma 7. Rulera</u>

01-0604-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Tuesday, September 02, 1997

Ref Number: IN97961

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

			SAMPLE	ASBESTOS		NONASB	ESTOS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	% NONFIBROUS
WBS604G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	:		80% Quartz 20% Other
WBS610G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	i i		80% Quartz 20% Other
WBS1050G01		Brown Non-Fibrous Homageneous	Crushed	< 1% Chrysotile	!		80% Quartz 20% Other
WBS1050G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotlle < 1% Crocidolite		,	80% Quartz 18% Other
WB\$740G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	:		80% Quartz 20% Other
WBS740G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	· !		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

yaut Fhillips Vargaret Phillips Analyst

Approved Signatory

Olscisimars, PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be gurranteed. Floor tiles and wipes should be tested with aither SEM or TEM. The above test report relates only to the items tested. This report may drily be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must comein at least one signature to be valid Leborstory is not responsible for the occurrecy of results when requested to physically separate and analyze layered samples.

01-0604-570

NOTIFICATION OF	DEMOLITION AND RE	NOVATION	FORM FOR	RM AAC-2 REV 5	/12/95	
# of ADVF's Requested 1	Parish # 2140	Source #		ADVF#		
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)	
II. FACILITY INFORMATION		Contact: Joh	n Martin			
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270			
Mailing Address: 1445 Ross Ave						
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008		
Address: 113 Ondine Lane						
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:			
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRC	LE ONE) Demo (Ordered Demo	Renovation	Emergency I	Reno	
IV. IS ASBESTOS PRESENT? (CI	CLE ONE) (ES) NO	Inspection D	ate: Jan Apr.	1996		
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)			
Building/Component Name: Home (#6	04)	Fire Marshall	l Project #:	·		
Street Address: (b) (6)						
City: Algiers	State: LA	Zip: 70114		Parish: Orleans		
Site Location: On side of house		Telephone: N	ΙA			
Building Size: NA	# of Floors: NA	Age in Years	: NA '			
Present Use: NA		Prior Use: N	A 1			
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF Ang - EPA Method 600/R-93	APPROPRIAT 1/116	E, USED TO D	ETECT THE PR	ESENCE OF	
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement	
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component				Cu Ft:	Cu yds: 5	
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: ////	196	Complete: 12	121/86	
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	196	Complete: /2	121/96	

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.					
OF ASBESTOS AT THE DEM	ORK PRACTICES AND ENGINE MOLITION AND RENOVATION Wet methods and no visible emis	N SITE:			
XII. WASTE TRANSPORTE	R #1				
Name: Quality Contractors	⁵³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan		
Address: 113 Ondine Lane	685 Bridge City Avenue				
City: Slidell	State: LA	Zip: 70458 * 70094	Telephone#: (504)646-0039 #3(504)436-7777		
WASTE TRANSPORTE	R #2				
Name: B & S Equipment Co., I	Inc.	Contact Person: Billy Ryals			
Address: 1713 Winchester Place	е				
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091		
XIII. WASTE DISPOSAL SIT	`E:				
Name: Jefferson Parish Landfil	ll (Kelvin Landfill)				
Location: 5800 Avondale 90 W	/est				
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244		
XIV. IF DEMOLITION ORDI	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY 7	THE AGENCY:		
Name:		Tide:	Authority:		
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	D/YY)		
XV. FOR EMERGENCY REI	NOVATIONS				
Date and hour of emergency (M	IM/DD/YY):				
Description of the Sudden, Unex	xpected Event:				
Explanation of how the event ca	aused unsafe conditions or would	cause equipment damage (or an u	mreasonable financial burden):		
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.				
Crew will use wet methods to co					
XVII. I CERTIFY THAT AN INDIVII 61, SUBPART M) WILL BE HAS BEEN ACCOMPLISHED	XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III. Chapter 27, Appendix A / 40 CFR PAR 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.				
		(Signature of Owner/Opera	ator/Contractor)		
XVIII. I CERTIFY THAT THE ABOV	'E INFORMATION IS CORRECT.	July 2 H	192 10-12-96		

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.



()



01-0604-590

005335

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

R	ES	TO	$R\Delta$	T	101	N.	FO	RI	M
ı١		<i>1</i>				Y .			

01-0604-590

SITE# 604	
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	DATE	DATE	DATE	DATE			
· ·					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					an ann an Aireann agus ann an Aireann agus an Aireann agus an Aireann agus an Aireann ann an Aireann ann an Ai		·
Sod Installation (sq.yds.)		_			75. ⁵ °		
6" Concrete Installation (sq. yds.)							
I" Concrete Installation (sq. yds.)				·			
Sand Installation (sq.yds.)					75.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)		:			18.=		
Concrete (cu.yds.)							
Plastic Edging (ft.)				·			
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)					,		
EXTRA			·				
	Site Ske	tch on E	Back of F	Page			
COMMENTS:							
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE						01-0604-5	90

MIELEPHONE INQUIRYEOG DATE: 7-Aug TIME: 11:30 NAME OF RESIDENT OR OWNER: (Circle one) SITE#: 604 HOME/WORK PHONE NUMBER: ADDRESS: CITY: Algiers ZIP CODE: 70/14 TYPE: (Circle one) HOME) BUSINESS SCHOOL PARK VACANT LOT OTHER COMMENTS OR COMPLAINTS: spoke with nike was told that he would get limestone in drineway. The close not want limestone in yard- wanted to know what RESOLUTION: TO: START GEAM 01-0604-600 $00\overline{5337}$

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/21/98 SITE #: 0604		ADDRESS AIGUES
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		
SKETCH OR COMMENTS:		
no Acm present		
TEAM MEI	MBERS: JS	g EW)

005338

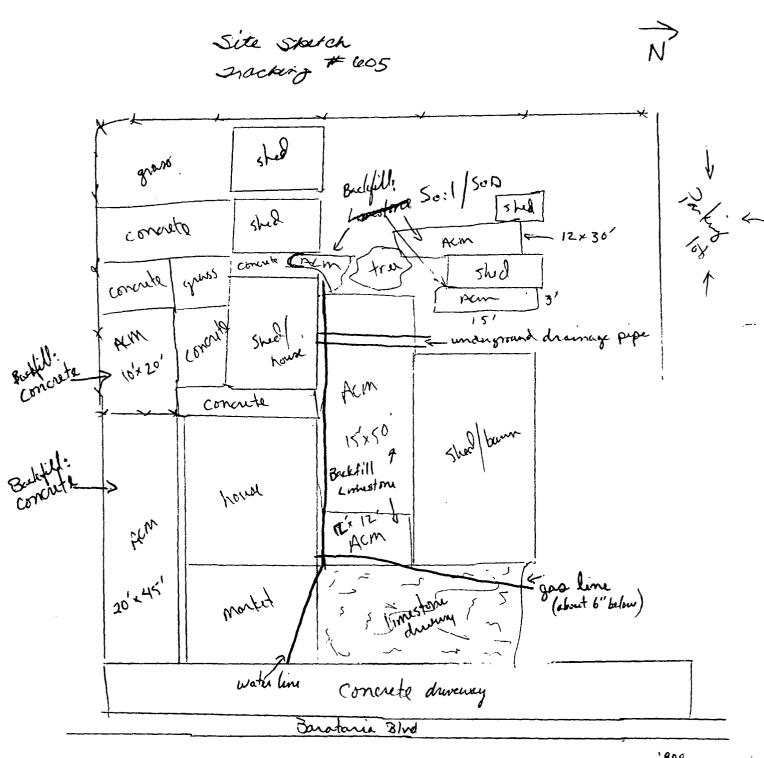
01-0604-540

Tracking Number	605
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FIELD DATA SHEET 1

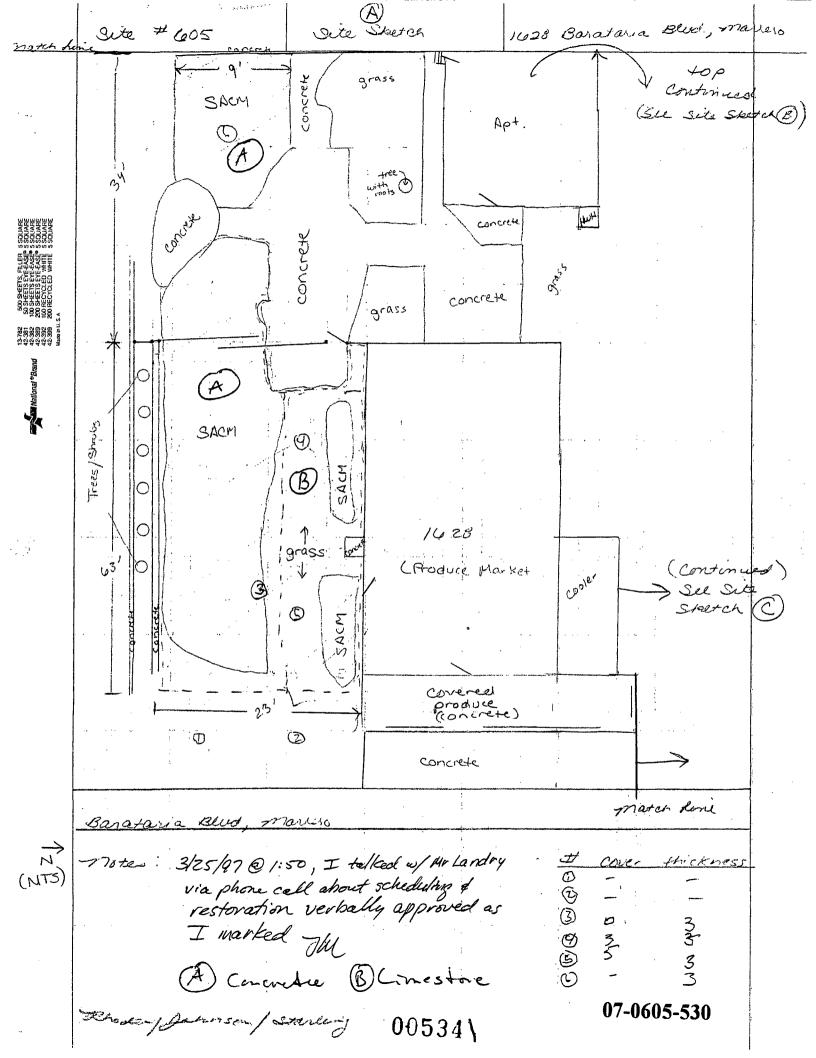
Site information:	
Occupant: Produce Worked	Interviewee: Donnis
Address: 1628 Barataria Blud. N	Marrero
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupan Dennis Landry (Phynoe Superintendent) 347-3119 Beapri 551-8744	nt: Business Address Bus (501) 278-8358 Post Engineers State of Zowisiana Dept. Bldy #309 Jackson Barracks, New Orleans
Site Description:	70746
1) Description of property (circle): single-home; duplex; vacant house; vacant lot; other	business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; do resolution:	ogs; other
	nter; gas; electric; cable TV;
4) Is any underground ACM present? (circle) yes; no; don't If yes, note on site sketch. How deep?	it know
Estimated Volume of ACM: 40 ya 3 + 45 ya 2 5 Comments: ACM is wery where ; -coll +0 get back	rd.
BFM	(See Sketch)
Date/Time of Interview: 12/10 17:00	Access Granted (circle): (yes) no
Team Members: Tc/ML	

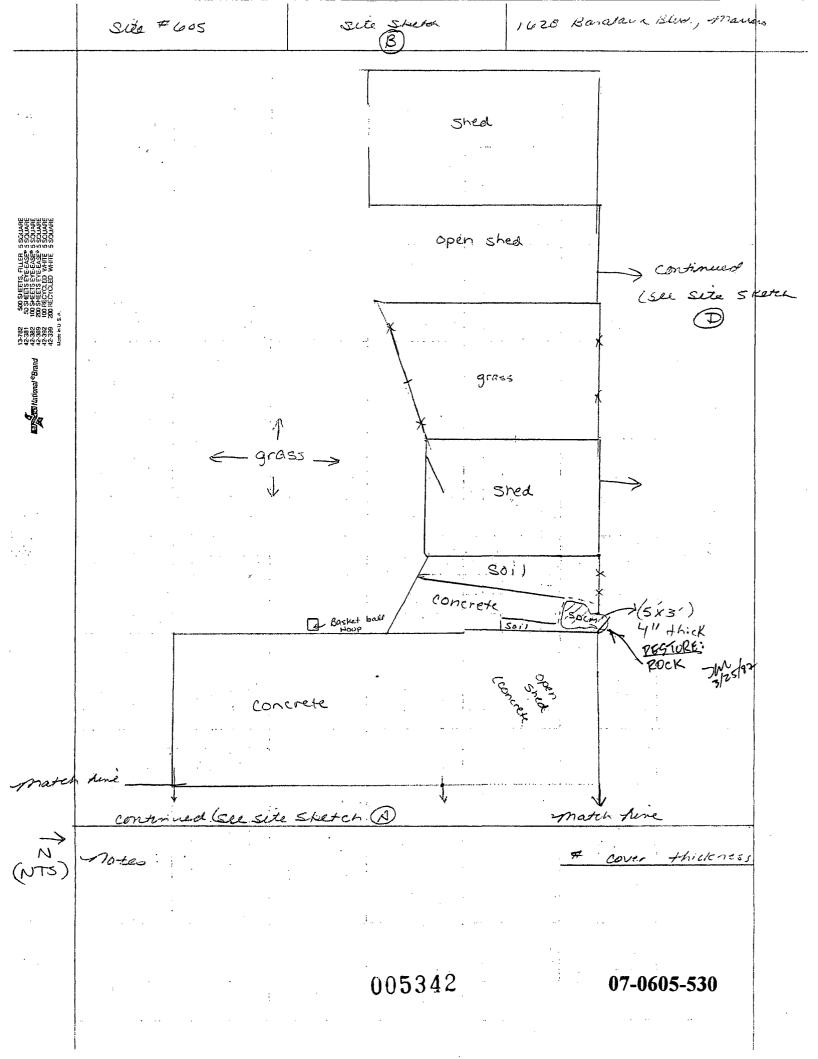
RESTORATION

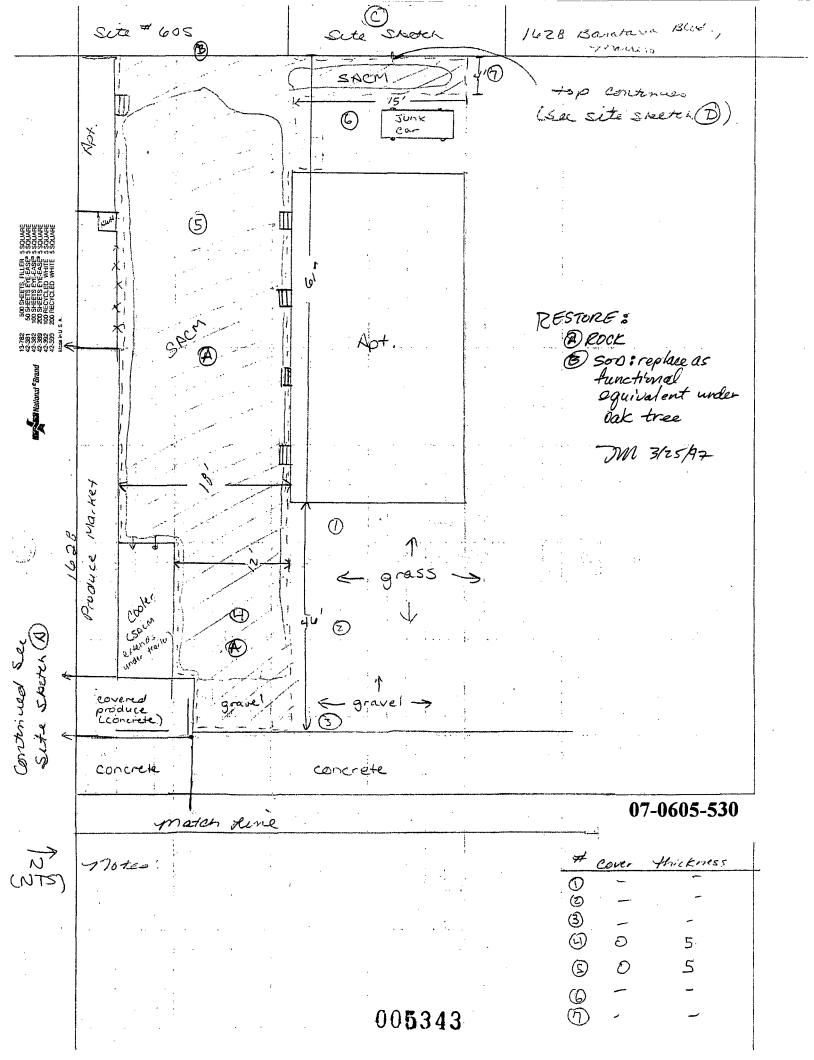


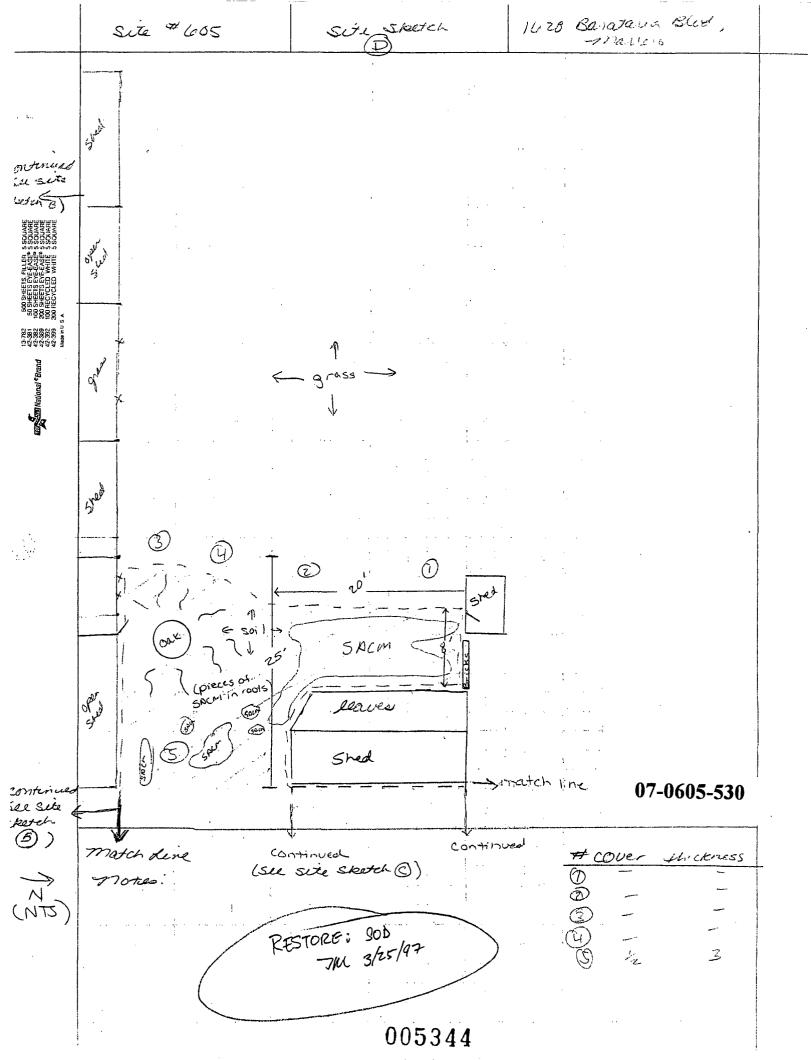
00534D

07-0605-590









TRACKING# 605

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: Sumas H. O	Dandley
Property's Address: 1628 Barata	in Block maring
State/Zip: 2007)Phone Number(s):	347-3119
	551-8744 begu

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities. EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE

SIGNATURE

Appe four shitlet to sledge) Comewe down

Sal Barcelong.

TRACKING # 605 phose I SITE SKETCH ADDRESS: 1628 Barataria, MA

UPDATED: / / concrete restone < concrete NOTES: COVER **THICKNESS** N (NTS) RESTORATION: A: encapsulate ACM

B: W/concrete

C: Percovery 07-0605-530 **ARRIVAL: DEPARTURE:** DATE: 10/15/97 RESTORATION APPROVED BY: TEAM: AL / DB JM 60/10/97 DATE: 1019

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

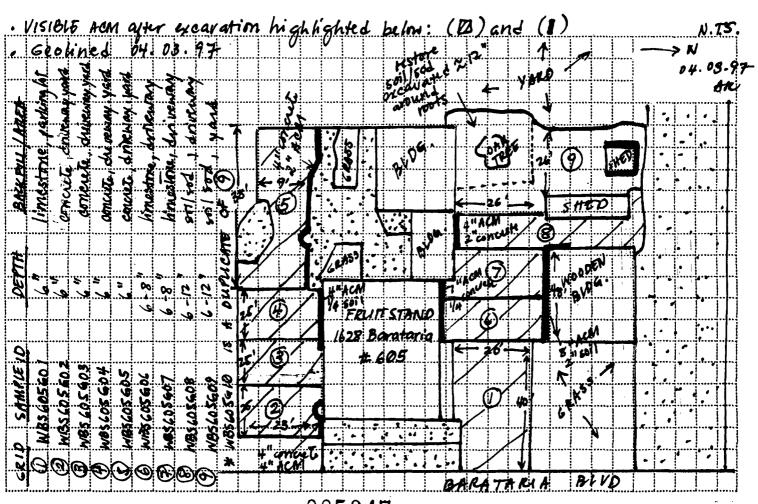
E# 605	ADDRESS: 1628 Baratania Blue
,	Marrero, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 4/8/97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8 **3**

A. PROCEED WITH RESTORATION: $\sqrt{\ }$ $\sqrt{\ }$ $\sqrt{\ }$ $\sqrt{\ }$ $\sqrt{\ }$ $\sqrt{\ }$ $\sqrt{\ }$



005347

AUTHORIZED EPA/START REPRESENTATIVE _

Laure hood

Westmont, NJ

608-868-4800

516-897-7251

Seattle, WA Carle Place, NY

313-668-8810

713.686.3835 310-297-1457

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

212 200-0062

203-233 9007

Wednesday, April 02, 1997

Ref Number: TX971085



POLARIZED LIGHT MICROSCOPY (PLM)

Project: 070601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBE</u> %	SIOS TYPE	%	<u>NONASBE</u> FIBROUS	<u>\$10</u> 5 %	NONFIBROUS
WBS105G01	(b) (6)	·Brown Non-Fibrous Homogeneous	Teased	< 1% Chr < 1% Cro	-			100%	6 Other
WB \$105/502	Al2ler	Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile .	:		100%	6 Other
WBS10501 ENDE! Site WBS	605 1628 BARATARIA BLDG, MA # 645 •	Brown Fibrous Homogeneous	Tessed	. 2% Chr	ysotil e			98%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be gueranteed. Floor tiles and wipes should be leated with either SEM or TEM. The above test report relates only to the items texted. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product entorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Leboratory nd analyze tayared samples is not responsible for the accuracy of results when requested to physically separate a

EMSL

L'27 Aduation					Ann Arbor, MI	Sun Mateo, CA	Amyrea, SA	CALEGRAPHOLO, U.C.	STREET PARK W
	Placeteway, ILI	Carle Place, NY	Manhatal M?	Seattle, WA	WITH WILDOW			\$10-257-1487	7 12.828 3435
mantaint, NI	PURCETE MAY 12		een date	203-223-8007	312-688-6810	416-570-5401	404-332 40 06	\$10-601-1-W	• •
· • • • • • • • • • • • • • • • • • • •	905-961-9554	516-967-7251	\$12.200.00\$2	Città Main, cata.	** - *:				

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, April 07, 1997

Ref Number: TX971142

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

PAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASRE %	STOS TYPE	%	<u>nonasbi</u> Fibrous	STOS % NONFIBROUS
**************************************	1605: 1628 BARATARIA, NA	Tan Non-Fibrous Homogeneous	Teased	2% Chr	rysoti is	; ; ;;		98% Other
VV3 5605G07	605; 1628 BARATARIA, NA	Tan Non-Fibrous Homogeneous	teased	2% Ch	rysotil e	:		98% Other
7/4/\$805 G08	605: 1828 BARATARIA, NA	Tan Non-Fibrous Homogeneous	Teased	2% Ch < 1% Cro	rysotile ocidolite	:	•	98% Other
3605 G09	605: 1628 :BARATARIA, NA	Tan Non-Fibrous Homogeneous	Teased	¹ 2% Ch	rysatil ė	i		98% Other
V/85605G10	605: 1628 BARATARIA, NA	Tan Non-Fibrous Homogensous	Teesed	: 2% Ch	irysotil e	! :		98% Other
* MES116G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	: < 1% Ch	nrysotile	! \	<i>)</i>	100% Other

Comments. For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

Approved Signalory

Disclatimers. PLM has been known to miss aphastos in a small percentage of samples which contein asheatos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP over any againcy of the United States Government, All "NVLAP" reports with NVLAP logo must onlatin at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and enaltyze layered samples.

PACTORIAL, NJ PROCESSORAY, NJ

Corto Figor, 37 634,007,7251 BERROCKA, FT

Seattle, WA 203 233-0007 Agen Arber, MI 313-862-8618 AND MALES. CA

M)7113, G

And-207-1467

713-006-3035

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Friday, April 04, 1997

Ref Number: TX971123

Entered 4-97

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

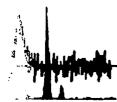
			SAMPLE ASBESTOS				NONASBI		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
5511 0G0 1	(b) (6)	Brown	Teased	1% Chr				100%	6 Other
`		Non-Fibrous	:	. < 1% Cro	cidolite				
		Homogeneous	:	!					
		·	· :_		ne Detacted	•		100%	6 Other
.VB\$11 0G02		Brown	Teased	·	IS DEMICIEU				V Girioi
		: Non-Fibrous Homogeneous							
	:		:	1					
/∄98 05G01_	605: 1628	Brown	Teased	2% Chi	rysotile			989	6 Other
	BARATORIA, MA	Fibrous	:			1			
		Homogeneous				•			
					0-1	•		1009	6 Other
: 18 05G03	:605: 1628 [BARATORIA, MA	Brown	Teased	No	ne Detected			100	o Other
	,	Non-Fibrous Homogeneous		•					
		i i i i i i i i i i i i i i i i i i i	•	•					
∺/B36 05G0¼	605: 1628	Brown	Teased	No	ne Detected			1009	% Other
	BARATORIA, MA	Non-Fibrous	10000	•					
		Homogeneous							
		:			•				
∕∄36 05G0≸	605: 1628	Brown	Teased	No	ne Detected			100°	% Other
	BARATORIA, MA	Non-Fibrous		;					
	:	Homogeneous		•					
		•		i					

_emments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.
-iso "# of Layers" refers to number of separable subsamples

Arthur Hernandez, Jr. Analyst

Approved Signatory

Disclaimers: PLM has been known to miss aspessos in a small percentage of samples which contain aspessos. Thus negative PLM guaranteed. Floor titles and wipes should be insted with either SEM or TEM. The above test report relates only to the items rested only be reproduced in full with written approve by EMSL. The above test must not be used by the dent to claim product endorseminor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be vision tresponsible for the accuracy of results when requested to physically separate and analyze layered samples.



Westmant, NJ Piscalaway, NJ Carle Pinos, NT Manhattas, NY Scattle, WA Ann Arbor, MI San Maion, CA Smyras, US Stattle, NO 715-864-5235 209-825-4800 505-941-6500 516-867-7251 212-389-0062 203-233-5007 313-568-6810 418-570-5401 404-233-4086 810-287-1487 715-864-5235

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Friday, April 04, 1997

Ref Number: TX971123



POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

٠.			SAMPLE	ASBE			NONASBES		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
A/B\$110G01	(b) (6)	Brown	Teased	1% Chr				100%	Other
. ,		. Non-Fibrous	i	. < 1% Cro	cidolite				
_		Homogeneous	:						
		,	•	•		•			j
:WB\$11 0G02		Brown	Teased	Nor	ne Detected			100%	6 Other
·		: Non-Fibrous							
		Homogeneous	:						
	:	:	;	1		•			
WB\$605G01 /	605: 1628	Brown	Teased	2% Ch	rysotil e			98%	6 Other
BARATORIA, MA	Fibrous	:			!				
		Homogeneous				:			
•		·	•	•		•	-		
W8S605G02	605: 1628	Brown	Teased	No	ne Detected			1009	6 Other
	BARATORIA, MA	Non-Fibrous		:					
•		Homogeneous			•				
	•	•	•	•	. '	•			
WBS605G03	605: 1628	Brown	Teased	No	ne Detected			1009	6 Other
	BARATORIA, MA	Non-Fibrous	•	:		:			
		Homogeneous							
	• • •	i	•	•	•	•			
W85605G04	605: 1628	Brown	Teased	No	ne Detected			100	% Other
	BARATORIA, MA	Non-Fibrous	-	:	•				
•		Homogeneous	•						•
1	•	•		i	,				

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr. Analyst Approved Signatory

Disclamers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be rested with either SEM or TEM. The above test report relates only to the items reafed. This report may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor eny agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one agneture to be valid. Laboratory is not responsible for the socuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ Placeturmy, HJ Carle Place, NY Marbaitan, NT Seattle, WA Ann Arbor, MI SEE MAISS, UA SEPTEMBRE, W 909-858-8800 908-081-0858 5]6-007-7251 212-280-0062 203-223-9007 3]3-668-6810 415-570-5401 604-333-8086 910-237-1487 713-688-3425

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, April 02, 1997

Ref Number: TX971086



PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Pibers	Fields	L.O.D. flb/cc	fibers/ mm²	fibers/cc
WBAGOSIF1 645 WBAGGSLF	605: 1628 BARRATARIA, MA	3/31/97 :	939.00	4.5	100	0.0029	5.73	<lod< td=""></lod<>
WBAGOSLF3 WBAGOSLF	605: 1628 BARRATARIA, MA	3/31/97	974.00	6.0	100	0.0028	7.64	0.0030
WBAGOSUFS 645 WBAGGSUFS	605: 1628 BARRATARIA, MA	3/31/97	965.00	2.0	100	0.0028	2.55	<lod< td=""></lod<>
WBABL	605: 1628 BARRATARIA, MA	3/31/97	0.00	3 .5	100		4.46	

Steven Duhon Analyst

Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/min* and not in fibers/cc. which is dependent on volume collected by non-laboratory personnel.

Analysis performed by EMSL of Houston.



Ву_ <i>РМ</i>	Date_ <i>10-22-97</i>	_Subject_	RESTORATION	site	# 605 III	Sheet No	of_	
Chkd. Bv_	Date					_ Proj. No		

IGZ8 BARATARIA BIUD MARRERO (FRUIT STAND)	8 x 1c 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
, , ,	1

WESTBANK ASBESTOS ABATEMENT.

SUB 2 SIGNATURE

RESTORATION FORM

SITE# 605 III

	DATE	DATE	DATE	DATE	EST,	ACTUAL	А СТ
					QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)					-		
4" Concrete Installation (sq. yds.)					14.99		
Sand Installation (sq.yds.)							
Lower Lift Sand							-
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							-
Sand (cu.yds.)							
Concrete (cu.yds.)					1.50		_
Plastic Edging (ft.)							ļ
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							<u> </u>
EXTRA							
	Site Ske	etch on E	Back of F	Page			
COMMENTS:							
						•	
IT REPRESENTATIVE SIGNATU	JRE						
SUB 1 SIGNATURE						07-0605-	590



Date 44-97 Subject Restonation Site # 605 IL Sheet No. Z_of_ Chkd. By__ Date: (EXTRA) NOLA TO GIVE PRICE FOR CONCRETE DRAIN, CHAINWAII, & DRAINPIPE INSTALLATION. LUMP SUM MATERIAL & LABOR SAND SOD OWNER REMOVE X5 CONC L/L CONC SAND OPEN DRAIN DRAIN PIPE SAND ROCK CONC 105 × 10. SAND Rock

07-0605-590

005355

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM

SITE# 605 IL

	DATE	DATE	DATE	DATE			
•					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					273.50		·
Sod Installation (sq.yds.)					111.50		
6" Concrete Installation (sq. yds.)		:			116.50		
4" Concrete Installation (sq. yds.)		·				-	
Sand Installation (sq.yds.)					111 50		
Lower Lift Sand					390.°º	-diamental and the company of the co	
Rock, Brown (cu.yds.)			•				
Rock, Gray (cu.yds.)					64.°2		
Sand (cu.yds.)					65.00		
Concrete (cu.yds.)					19.50		
Plastic Edging (ft.)					328	, , , , , , , , , , , , , , , , , , , ,	
Walkway Rock Inst. (sq.yds.)				ļ			
Topsoil (cu.yds.)							
EXTRA					?		
	Site Ske	tch on B	ack of F	Page			
COMMENTS:			·				
		,					· · · · · · · · · · · · · · · · · · ·
IT REPRESENTATIVE SIGNATU	RE		·				
SUB 1 SIGNATURE						07-0605-	590



\bigcup

Date 4-4-97 Subject Restonation Site # 605 IL Sheet No.____of_ Ву_ РМ_ Chkd. By____ Proj. No. _ _Date. ENF 4/4/97 (0) SAND SOD OWNER MAY REMOVE 16-11 X5 CONC Sand Rock L/L TIE INTO EXISTIMA PIPE CONC OPEN DRAIN SAND DRAIN PIPE CHAINWAII -SAND ROCK CONC LIL SAND Rock



By PM Date 3-31-97 Subject Restoration Site 4 605 I Sheet No. 1 of 2 Chkd. By Date Proj. No. Proj. No.

FRUIT SAND

STAND

CONC

STAND

CONC

STAND

ROCK

M

ROCK

M

12

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM

SITE# 605 I

·	DATE	DATE	DATE	DATE			
-					EST.	ACTUAL	ACT.
1					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					65. ⁵⁰		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					9.00		
Sand Installation (sq.yds.)							
Lower Lift Sand			· · · · · · · · · · · · · · · · · · ·		74. ⁵⁰		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					15.°°		
Sand (cu.yds.)		-			7.00		
Concrete (cu.yds.)					1.00		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of F	Page	.:		
COMMENTS:							
							
<u></u>			·····	··			
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE		:			·	07-0605-	.590
SUB 2 SIGNATURE		005359			U/-000		

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

ACM LOCATED BENEATH: SHED SHED SHED CHUNKS POWDER SLAB PERCENT OF AREA (ACM) SKETCH OR COMMENTS:	DATE: 9/8/98 SITE #: 605		ADDRESS: /	628 Baexa	via, MF
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		SHED	=		
SKETCH OR COMMENTS:	DESCRIPTION OF ACM:	POWDER			
mem =			-		
	nem				

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/24/98 SITE #: 605	ADDRESS: 1628 Banatana
ACM LOCATED BENEATH: HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM: CHUNKS POWDE SLAB	
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
	soil/sding
TEAM MEMBERS:	-L/J5 - 07-0605-540

() 2/9/90 Tracking Number 408+409

FIELD DATA SHEET 1

Site information:	(b) (6)
Occupant:	Interviewee:
Address: (b) (6)	Marino LA, 70072
Phone No	
Owner Name Address and Phone No.	if Different Than Occupant:
Site Description:	
Description of property (circle): vacant house; vacant lot; other_	
Problems accessing yards (circle): resolution:	locked gate; gate; dogs; other NO
3) Underground utilities installed by over septic tank; other Note location on site sketch.	
4) Is any underground ACM present? (If yes, note on site sketch. How deep	
pem (b) (6) water sens	Canport Playmouse & N Conserve Derveway
Estimated Drea = 20' x 36" x 6"	1.2
Estimated Volume of ACM:	
Comments: $Soil/grass$	ACM (
Date/Time of Interview: 18/24 /	
Team Members: TC/mL	005362 07-0606-510

<u>CONSENT FOR ACCESS TO PROPERTY</u> <u>WESTBANK ASBESTOS SITE</u>

Property Owner's Name:	
Property's Address:(b) (6)	MARRERO
State/Zip: 17 70072 Phone Number(s):	(b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

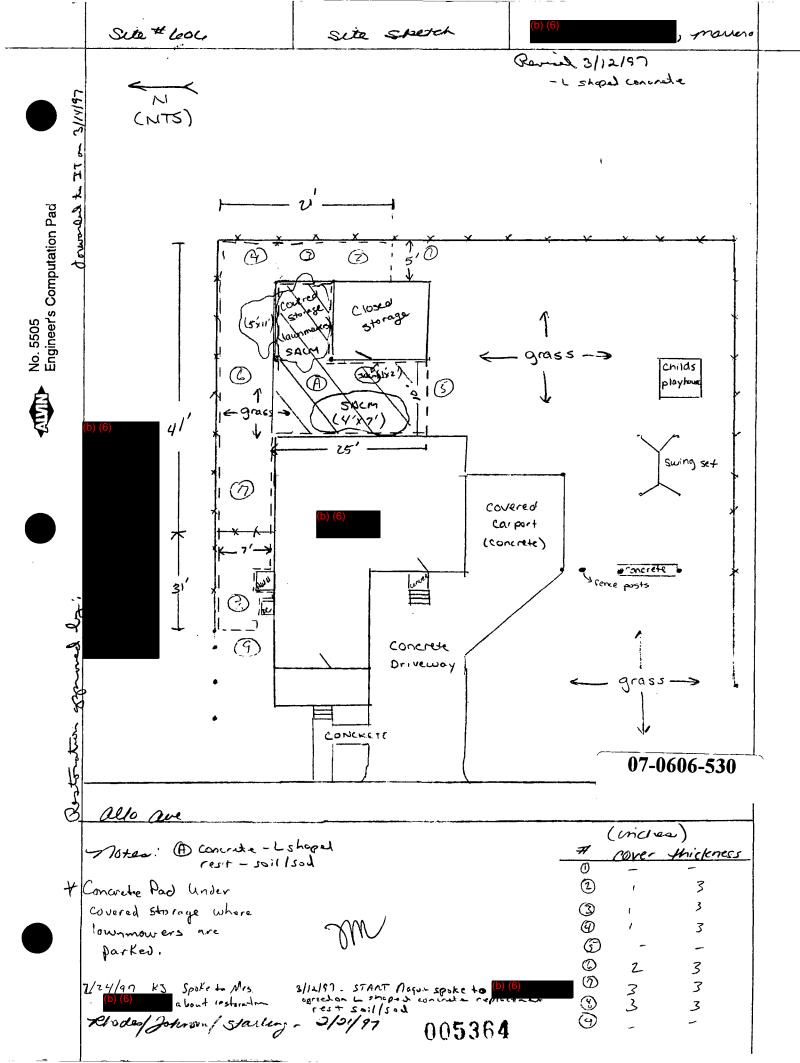
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

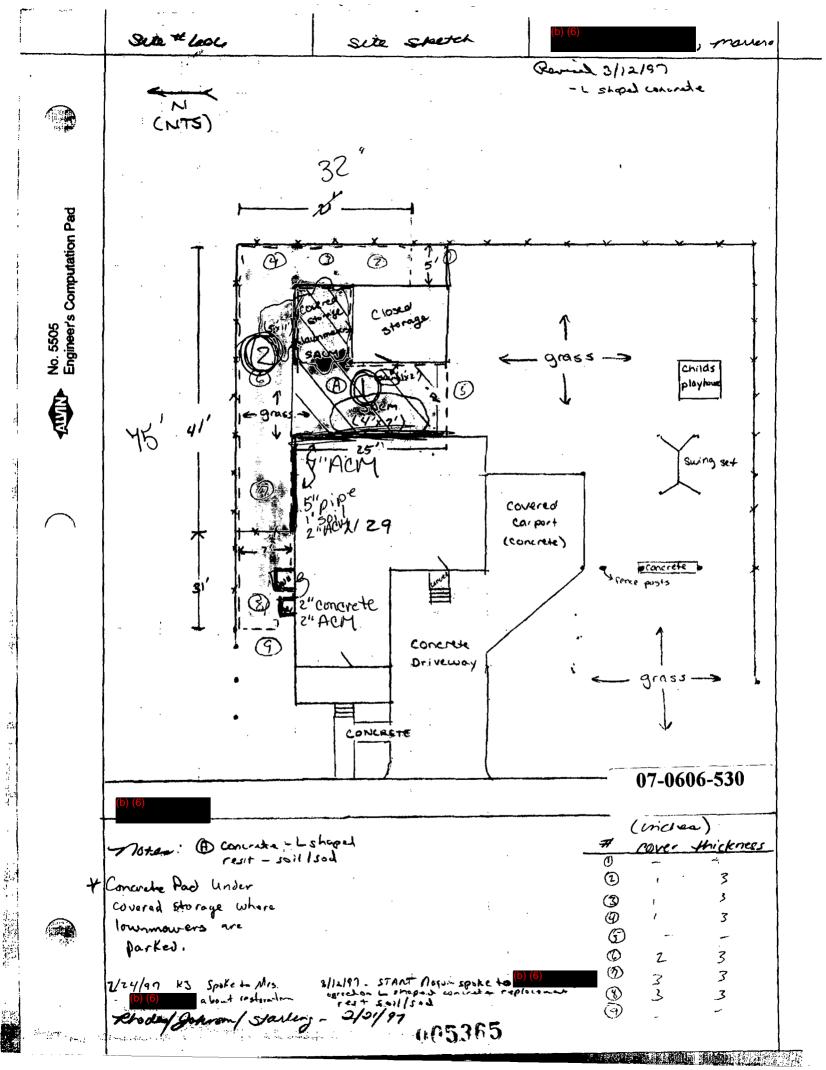
9-3-96 SEP - 9 1996

DATE

COMPLIANCE

07-0606-520





WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		• : .
SITE# _	600	ADDRESS: (b) (6)
•	•	Marcero

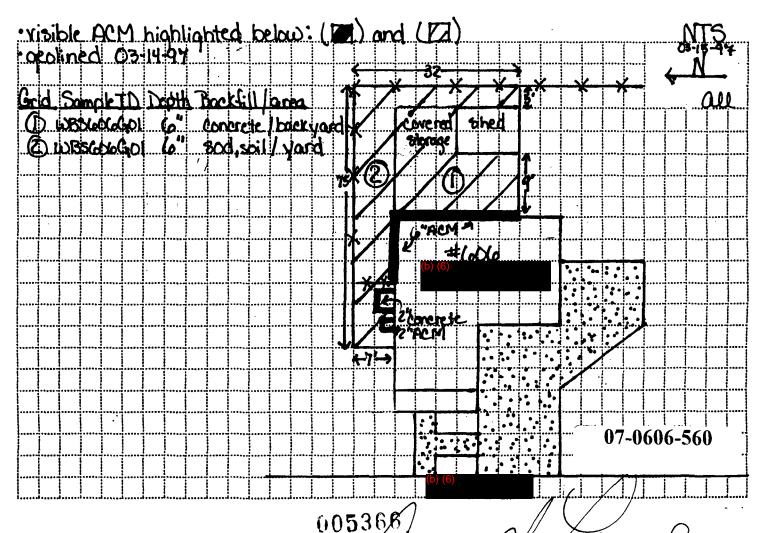
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 63-18-94.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: \checkmark

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

Houston, TX Greenabero, NC Sun Mateo, CA Smyrras, GA Seattle, WA Amp Arbor, Mil Placetaway, MJ 712**-028-363**5 910-227-1487 415-670-8401 404 333 **400**6 203-233-0007 313-668-6919 518-887-7251 212-200-0052 904-981-0569

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, March 18, 1997

Ref Number: TX97836

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARÂNCE	SAMPLE TREATMENT	ASB %	estos Type	%	<u>nonasb</u> Fibrous	ESTOS % NONFIBROUS
WBS606G01	(b) (6)	Brown Fibrous Homogeneous	Teased	2% CI	rocidolite			98% Other
WBS608G02	·	Brown Fibrous Homogeneous	'Teased	< 1% C	hrysotile	:		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Analyst

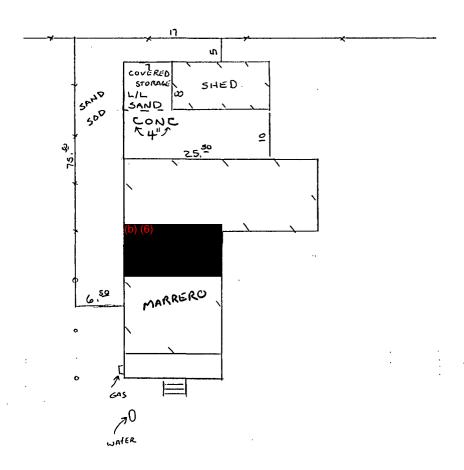
Approved Signatory

2

Apple property

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Ploor illes and wipes should be tested with sither SEM or TEM. The above test report nested and to the interest to the state only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP on or any againty of the United States Government. All "NVLAP" reports with NVLAP togo must contain at least one signature to be used Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

REST	TOR	AT	ION	FO	RМ
KES	וטת	HI.		Γ	ועודיו

SITE# 606

		DATE	DATE	DATE			
	RATE -				EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)	\$6.84/sy						
Sod Installation (sq.yds.)	\$5.15/sy				64.ºº		·
6" Concrete Installation (sq. yds.)	\$30.10/sy						
4" Concrete Installation (sq. yds.)	\$26.40/sy				34, ⁵⁰		
Sand Installation (sq.yds.)	\$4.15/sy				64.99	,	
Lower Lift #1	\$1.16/sy				34. ⁵²		
Lower Lift # 2	\$1.16/sy						
Lower Lift #3	\$1.16/sy						
Rock, Brown (cu.yds.)	\$20.50/cy						
Rock, Gray (cu.yds.)	\$29.00/cy						
Sand (cu.yds.)	\$12.70/cy				20.00		
Concrete (cu.yds.)	N/A						
Plastic Edging (ft.)	\$1.65/ft						
Walkway Rock Inst. (sq.yds.)	\$9.12/sy				-		
Topsoil (cu.yds.)	\$21.00/cy						
	Site Ske	tch on B	ack of P	age			
COMMENTS:							
	·						
							

IT REPRESENTATIVE SIGNATURE
NOLA REPRESENTATIVE SIGNATURE

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WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/8/98</u> SITE #: <u>606</u>		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:	NA	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
		concrete state
TEAM ME	MBERS: $\Delta A/A$, KJ

Fracking Number	607	
_ (Roused	12/02/96)

FIELD DATA SHEET 1

Site information.				
Occupant: (Contat Person): Harry Beevers Interviewee: Harry Beevers				
Address: 445 Pine St. Marrero, LA 70072				
Phone No.: Home (6) (6) Work 504-362-5610				
Owner Name, Address, and Phone No. if Different Than Occupant: KPC Council No. 267 - John O. Ferdinand Community Center 445 Pine St. Marrero, LA 70072				
Site Description:				
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other composity center				
2) Problems accessing yards (circle): locked gate; gate; dogs; other				
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>Gas line in front</u> Note location on site sketch.				
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?				
Site Sketch: VAS VAS VAS Pine St Concrete Sidewalk Pine St				
St. Joseph the Worker School				
Estimated Volume of ACM: 10x7 = 70f+2 (0 58' x3' = 174f12 : Tstal = 244ft2				
Comments: Restore with linestone				
Date/Time of Interview: 10/16/96 0830hrs Access Granted (circle): (yes;) no				
Team Members: MB/TC				

FIELD DATA SHEET 1
Site Information: Occupant: Address: 445 Pinl St. Manero, LA Phone No.: Owner Name, Address, and Phone No. if Different Than Occupant: Address: Address, and Phone No. if Different Than Occupant: Address: Address, and Phone No. if Different Than Occupant: Address: Address, and Phone No. if Different Than Occupant: Address: Address, and Phone No. if Different Than Occupant: Address: Address, and Phone No. if Different Than Occupant: Address: Address, and Phone No. if Different Than Occupant: Address: Address and Phone No. if Different Than Occupant: Address: Address and Phone No. if Different Than Occupant: Address and Phone No. if Different Than Occ
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; nor don't know! If yes, note on site sketch. How deep?
Site Sketch: Applications of the state of t
Pine St.
Estimated Volume of ACM:
Comments:
Date/Time of Interview: 0 1/2 96 & 5.37 Access Granted (circle): (yes;) no
Team Members: M. Bould T. Cochill
07-0607-510

Tracking Number <u>607</u>

FIELD DATA SHEET 1

one mormation.	
Occupant: (Contact Reson) Father MQUillen	Interviewee: Mr. Choovin
Address: St. Joseph the Worker, Pine St,	
Phone No.: 504-347-8438	
Owner Name, Address, and Phone No. if Different Than Occupa St. Joseph the Worker Father Me Ouillen	int:
Site Description:	
1) Description of property (circle): single home; duplex; vacant house; vacant lot; other Yorth Center	business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; d resolution:	ogs; other None
3) Underground utilities installed by owner? (circle): no; was septic tank; other Note location on site sketch.	ater; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don If yes, note on site sketch. How deep?	't know
Pine St Estimated Volume of ACM: @ 14'x46'= 644f1' @ 18'x7 Comments: initial - soil/sol + linestens in front of storese b	outh enter
Date/Time of Interview: 11/20/96 0933 kg	Access Granted (circle): (yes;) no
Team Members: MC b, plane	

FIELD DATA SHEET 1

Site Information:

Occupant: Chauvin	Interviewee:
Address: St. goseph the Worker, f	anie St., Marsero, La 20072
Phone No.:	,
Owner Name, Address, and Phone No. if Different Than Occupan	it:
Site Description:	millén
	ousiness; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; do resolution:	gs; other
Underground utilities installed by owner? (circle): no; wat septic tank; other Note location on site sketch.	er; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don' If yes, note on site sketch. How deep?	t know
Site Sketch: #608 Ganage Pine St.	n Kindropander
St. Joseph the Worka	
Estimated Volume of ACM:	
Comments: Probably Same local soil grass limesto	one infront of garage
Date/Time of Interview: 1120/96 0933	Access Granted (circle): yes; no
Team Members: Min by prone	

TRACKING # 607

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: KINIGHTS AFFETER CLAVER COUNCIL #267
Property's Address: 445 PINE ST.
State/Zip: LA 70072 Phone Number(s): 340-0599

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (<u>e.g.</u> small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE Jary Bevery SIGNATURE Strend Kright

07-0607-520

005375

07-0608-520

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:
SITE# 607 ADDRESS: 445 PINE ST.
ADDRESS: 445 PINE ST. MARREDO, LA 70072
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical as of 01-14-97
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:
GRID#: 1 2 3 4 5 6 7 8
A. PROCEED WITH RESTORATION:
B. FURTHER ACTION NECESSARY:
House Servitude
Demole No
y + 1 wb3445601
3 3 Ocnorete
30 t 3581 2 riveway
25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 depth to 14 pipe
Sidewalk
Pine St. 4 191 > Not to Scale
0053760
AUTHORIZED EPA/START REPRESENTATIVE SULPLIA A. Storey 07-0607-560
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WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

					•	-		~					-									
FYI:																						
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ACTIC	N:			G	RID #	#:	1	2		•		ļ		5	6		7		8			
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B. FU	_	R ACT						V bel					-				_		<u> </u>	_	~	
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AUTHORIZED EPA/START REPRESENTATIVE

Waterand, NJ Processon, NJ Carlo Place, NY Mandatine, NY Sentile, WA Ann Arbor, MJ San Mater, CA Senyrell, NA Wisheston, NC SENERAL, TA Ann Arbor, MJ San Mater, CA Senyrell, NA Wisheston, NC SENERAL AND ANN AND ARCASS OF SAN AND ARCAS OF SAN AN

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Thursday, January 16, 1997

Ref Number: TX97114



POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS SITE

			SAMPLE	ASBESTOS		NONASB	ESTOS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROU\$	% NONFIBROUS
WBS288-G01	• • • • • • • • • • • • • • • • • • • •	Tan	Teased	< 1% Chrysotlle			100% Other
		Non-Fibrous Homogenéous	İ	< 1% Crosidolite			
WBS623-G01		Tan	Teased	2% Chrysotile			98% Other
		Non-Fibrous Hornogeneous		< 1% Cracidolite			
WBS341-G01		Tan	Tessed	< 1% Chrysotile			100% Other
		Non-Fibrous Harnogeneous		< 1% Crocidolite			
[WB\$607-G01]		Tan	Teased	5% Chrysotile			95% Other
		Non-Fibrous Homogeneous		< 1% Crocidolite			
l 		····			. 		
W93008-GU1		Tan Non-Fibrous Homogeneous	Teased	10% Chrysotile < 1% Crocidolite			90% Other
WBS608-G02		Tan	Teased	2% Chrysotile	· · · · · · · · · · · · · · · · · · ·	• • •	98% Other
		Non-Fibrous		< 1% Crocidalite	į		
]		Homogeneous	İ		į		

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

07-0607-570

07-0608-570

Approved Signatory

Carlos D. Salinas Analyst

Disclaiments: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed, Floor titles and wipes should be tested with either SEM of TEM. The above test report retains only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and enalyze layered samples.

Mentancel, N.) Processon, N.J. Carle Place, NY Mundation, NY Sentile, WA Ann Arbor, M.) Res Maton, CA Sanyral, M.C. Greenserv, NC montane, TA.

Sentile, WA Ann Arbor, M.J. Res Maton, CA Sanyral, M.C. Greenserv, NC montane, TA.

Sentile, WA Ann Arbor, M.J. Res Maton, CA Sanyral, M.C. Sanyral, M.C. Greenserv, NC montane, TA.

Sentile, WA Ann Arbor, M.J. Res Maton, CA Sanyral, M.C. Sanyral, M.C. Greenserv, NC montane, TA.

Sentile, WA Ann Arbor, M.J. Res Maton, CA Sanyral, M.C. Sanyral, M.C. Sanyral, M.C. Greenserv, NC montane, TA.

Sentile, WA Ann Arbor, M.J. Res Maton, CA Sanyral, M.C. Sanyral, M.C. Sanyral, M.C. Greenserv, NC montane, TA.

Sentile, WA Ann Arbor, M.J. Res Maton, CA Sanyral, M.C. Sanyral, M.C

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Thursday, January 16, 1997

Ref Number: TX97114



POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS SITE

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	<u>Nonasi</u> % Fibrous	BESTOS % NONFIBROUS
WBS268-G01	LOCATION			< 1% Chrysotile		100% Other
VVB3208-901		Tan Non-Fibrous Homogeneous	Teased	< 1% Crocidolite		.oo w Other
WBS623-G01		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite		98% Other
WBS341-G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		100% Other
[was607-G01		Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidalite		95% Other
WBS608-G01		Tan Non-Fibrous Homogeneous	Teased	10% Chrysotile < 1% Crocidolite		90% Other
WBS608-G02		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

07-0607-570

07-0608-570

Approved Signatory

Carlos D. Salinas Analyst

Disclaimers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed, Ploor tiess and wipes should be fested with either SEM or TEM. The above test report relates only to the literal stated. This report may only be reproducted in full with written approval by EMSL. The above test remains to the client to claim product endorsement by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the socuracy of results when requested to physically separate and enalyze layered samples.

005379





> (wishlate @ 33. x 3 = 100. 50 SOFT (B) 24 x 8 = 192 " SOFT . 012 x 7 = 841.2 SAIT TRO AL = 376. 50 FT 41.33 CA 90 いれら Pint of 7x12x5. 1 . 56 10 SQ YD LOWERLIFT AAB CONCRETE C SAND/ROCK 12" (0):

> > 07-0607-590

07-0608-590

PINE ST



REAR APT DE C' 100 SAND /500 21.5 x 4.5 \ / 2 = 46 15.5 x 1 = 15 TOTAL = G3.37 YOUTH CENTER 11.59 OF TOTAL SAND /500	Chkd. By	Date		Proj. No
				(E) 6" SAND/SOD 19.50 SAND/SOD 21.5 x 4.5 1/2 = 4 15.5 x 1 = 15 TOTAL = 63.37 YOUTH CENTER 21.5 x 4.5 1/2 = 4 CENTER
			.,	

07-0607-590

07-0608-590

NOTIFICATION OF	DEMOLITION AND RE	NOVATION	FORM FO	RM AAC-2 REV 5	/12/95
# of ADVF's Requested	Parish # 2240	Source #		ADVF#	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELEI)
II. FACILITY INFORMATION		Contact: John	n Martin		
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270		
Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane					
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:					
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency I	leno
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) YES NO	Inspection D	ate: Jan Apr.	1996	
Inspector's Name: Debra Bendily (LD	DEQ)	Inspector's A	Accreditation #:	61068	5
V. FACILITY DESCRIPTION (I	nclude building name, numb	per, and floor or	r room number)	
Building/Component Name: Home (# 6	07 and 608)	Fire Marshal	l Project #:		
Street Address: 445 Pine Street (Front	and rear areas of bldg)				
City: Marrero	State: LA	Zip: 70072		Parish: Jefferso	n
Site Location: Side of building in drivew	vay; side of kindergarten	Telephone: N	JA .		
Building Size: NA	# of Floors: NA	Age in Years	: NA		
Present Use: NA		Prior Use: N	Α		
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF And a EPA Method 600/R-93	APPROPRIAT	E, USED TO I	DETECT THE PI	RESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	easurement
		Cat I	Cat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area		_		Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 6
VIII. SCHEDULED DATES ASBESTOS REM	IOVAL (MM/DD/YY)	Start: /o/	24/96	Complete: //	24/96
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: /p/	124/96	Complete: //	24/96
	005382	2 07-06	607-550	07-00	508-550

<u> </u>	LAUUN UE DEMULIUMA	IND REDWIN ALL DIN FUNIT FOR	ananear
X. DESCRIPTION OF PLAN Excavation of residential property	NED DEMOLITION OR RENOV ies utilizing standard construction to	/ATION WORK AND METHOD echniques.	(s) TO BE USED:
OF ASBESTOS AT THE DEMO	K PRACTICES AND ENGINEER DLITION AND RENOVATION Swet methods and no visible emission	SITE:	
XII. WASTE TRANSPORTER	.#1		
Name: Quality Contractors # 3	aughan Contractor	Contact Person: Jerry Avery H.	P. Vaughan
Address: 113 Ondine Lane	685 Bridge C	ity Ave.	
City: Slidell Bridge City	State: LA	Zip: 70458 70094	Telephone#: 504-646-0039 ##3 (504) U.RG-7777
WASTE TRANSPORTER	#2		
Name: BLS Equipm	nent Co. Inc.	Contact Person: Billy	Ryals
Address: 1713 Wi	nchester Place	<u> </u>	V
City: Narvey	State: LA	Zip: 70058	Telephone #7 340-209 /
XIII. WASTE DISPOSAL SITE	:		
Name: Jefferson	Parish Landfil	1 (Kelvin lan	a fill)
Location: 5800 N	vondale 90	West	
City: Nuondale	State:	Zip: 70094	Telephone: (504) 436 - 0244
XIV. IF DEMOLITION ORDER	RED BY A GOVERNMENT AGE	ENCY, PLEASE IDENTIFY THE	AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD/	YY)
XV. FOR EMERGENCY REN	OVATIONS		
Date and hour of emergency (MM	I/DD/YY):		·
Description of the Sudden, Unexp	ected Event:		
Explanation of how the event cause	sed unsafe conditions or would cau	se equipment damage (or an unrea	sonable financial burden):
XVI. DESCRIPTION OF PROCEDURE NONFRIABLE ASBESTOS MATI	S TO BE FOLLOWED IN THE EVENT ERIAL BECOMES CRUMBLED, PULVE	THAT UNEXPECTED ASBESTOS IS FO ERIZED, OR REDUCED TO POWDER.	UND OR PREVIOUSLY
Crew will used wet methods to co	ntrol any visible emissions.		
SUBPART M) WILL BE ON-SIT	JAL TRAINED IN THE PROVISIONS O E DURING THE DEMOLITION OR REP ISON WILL BE AVAILABLE FOR INSP	NOVATION AND EVIDENCE THAT TH	E REQUIRED TRAINING HAS BEEN
XVIII. I CERTIFY THAT THE ABOVE	INFORMATION IS CORRECT.	(Supplier of Owner Openhall Contractor)	10-3-96

PURSUANT TO R.S. 40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

• •	05384			07-0607-540
TEAM MEMBERS:	PL,	122		07-0608-540
~~b				
		Vac	701	
/		Vae	ant lat	7
KETCH OR COMMENTS:				
RCENT OF AREA (ACM)		=		
ESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PPR. CRAWL SPACE HEIGHT:				
CM LOCATED BENEATH:	HOUSE SHED			
TE#: 607 4 608			me	
ITE#: 9/23/58		ADDRESS:	445	Pine St

Tracking Number	609	,
•	Revised	

FIELD DATA SHEET 1

Address: 610 624 ST GRETNA Phone No.: 368-1313 OR 1314 Clarence Owner Name, Address, and Phone No. if Different Than Occupant: Site Description: 1) Description of property (circle): single home; duplex; business; school; daycare; church: vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution: Call Clarence for key 3) Underground utilities installed by owner? (circle): no; water; gas: electric: cable TV; septic tank; other Outhland power land above KCM Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: Concate 6th St Estimated Volume of ACM: 185.5 St2 Comments: BACK FILL: Contate of the power lock 15'	Occupant: ST JOSEPH CHURCH	Interviewee: REV. CARABELLO
Owner Name, Address, and Phone No. if Different Than Occupant: Site Description: 1) Description of property (circle): single home; duplex; business; school; daycare; church: vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution: Call Clarence for key 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Outhboad power limit about KCM Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: Concate Concate Concate Estimated Volume of ACM: 185.5ft²	Address: 610 6TH ST GRETNA	
Site Description: 1) Description of property (circle): single home; duplex; business; school; daycare; (hurch:) vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; (gate:) dogs; other resolution: Call Clarence for kay 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Outload para lung about KCM Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: Concrete Concr	Phone No.: 368-1313 OR 1314 Clarer	ce
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution: Call Clarace for key 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other OUNhoad power limit about KCM Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: Concrete Concre		nt:
vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution: Call Clarence for key 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other not location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: Concrete 6 th St. Estimated Volume of ACM: 185, 5ft²		
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other OUNhood power linus above KCM Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: Concrete Concrete Concrete Concrete Concrete Standard Volume of ACM: 185.5ft²		business; school; daycare; church;
septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: Concrete Concret	2) Problems accessing yards (circle): locked gate; gate; d resolution:	ogs; other
Site Sketch: Site Sketch: Concrete	septic tank; other <u>Outhead power line</u>	iter; gas; electric; cable TV;
Concrete Concre		't know
Estimated Volume of ACM: 185, 5ft ²	Lavoise concrete Concrete Concrete Concrete	B ALM COMMENT TO ALM 14 145-9 (15-)
		-
Comments: BACK FILL; Solkers Delines Tolk 15		total and total
OK FOR HOLIDAY REMOVAL 12/9 CONV. W/ REV. CARABELLO - CMA	REDRAWN 12/10/96	

80.5 35

Access Granted (circle): (Fes.) no

Date/Time of Interview: 12/10/96

Team Members:

CMA/TC

TRACKING# 609

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: ST. JOSEPH CHURCH

Property's Address: 610 - 6TH STREET GRETNA

State/Zip: 70053 Phone Number(s): (504) 368-1313 or 1314

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-11-96 DATE Lev. Francis J. Carabello SIGNATURE

05-0609-520

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	e de la companya de l																		
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Manhattan, MY Seettle, WA Ann Arbor, Mi Placataway, RJ Carte Plans, NY 713-600-3035 202-222-9007 212-250-0052

> **Ecology & Environment, Inc.** 11550 Newcastle Ave. #250

7136863645

Baton Rouge, LA 70816

Tuesday, December 17, 1996

Ref Number: TX963264

POLARIZED LIGHT MICROSCOPY (PLM)

SAMPLE	LOCATION	APPEARANCE	S AMPLE TREATMENT	ASRESIOS % TYPE	%	NONASA FIBROUS	<u>RESTOS</u> % NONFIBROUS
WBS27105MA1	271	Tan Nan-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS27108MA1	271	Ten Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		., ., .,	100% Other
WBS27107MA1	271	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotlie < 1% Crocidolite			100% Other
WBS27108MA1	271	Tan Non-Fibrous Homogenéous	Теязеd	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS27109MA1	271	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WB\$60901GR1	609	Tan Non-Fibrous Homogeneous	Teased	2% Chrysottle < 1% Crockdolite			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas **Analyst**

Approved Signatory

ers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cararot be guaranteed. Floor tiles and wipes should be teated with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contein at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically approximately all states and signature to be valid.

05-0609-570

Westmert, NJ Placestuway, NJ 808-858-4980 908-881-0556

r. NJ Carls Tlace, NT 150 516-007-7251 Manhattan, NY 212-200-0062

7136863645

Bentife, WA Ann Arbor, Mil 202-223-9007 313-608-6010

418-870-8401

404-332-4004

Greensbore, NC 919-207-1487 Nouston, TX 713-806-9635 EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday. December 17. 1996

Ref Number: TX963264

POLARIZED LIGHT MICROSCOPY (PLM)

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS TYPE	NONASB % FIBROUS	ESTOS % NONFIBROUS
WBS60602GR1	809	Tan Non-Fibrous Hamogeneous	Teased	< 1% Chrysotlie	Note in of west	100% Other 090)
WBS31701MA1	317	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite		98% Other
WBS31702MA1	317	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotlle < 1% Crocidolite		98% Other
WB531703MA1	317	Tan Non-Fibrous Hamogeneous	Teased	2% Chrysotile < 1% Crocidalite	Mox girlor	98% Other
WBS30201MA1	302	Tan Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crockdolite		98% Other
WB\$30202MA1	302	Tan Fibrous Homogeneous	Teased	2% Chrysotile		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

Approved Signatory



Disclaimers: PLM has been known to miss asbestos in a ames percentage of samples which contain asbestos. Thus nagative PLM results cannot be guaranteed. Floor tites and whose should be tested with either SEM or TEM. The above lest report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product andorsement by NVLAP not any agancy of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Leboratory is not responsible for the accuracy of results when requesting operations and enaltyze layered samples.

			
X. DESCRIPTION OF PLA	ANNED DEMOLITION OR REI	NOVATION WORK AND METH	
A SECULAR SPORTER #2 A SEQUIPMENT CO., Inc. Contact Person: Billy Ryals ddress: 1713 Winchester Place ity: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091 III. WASTE DISPOSAL SITE: ame: Jefferson Parish Landfill (Kelvin Landfill) cocation: 5800 Avondale 90 West ity: Avondale State: LA Zip: 70094 Telephone #: (504) 340-2091 Telephone #: (504) 340-2094 Telephone #: (504) 340-2094 Telephone #: (504) 340-2091 Telephone #: (50			
XII. WASTE TRANSPORTE	ER #1	· · · · · · · · · · · · · · · · · · ·	OLS TO BE USED TO PREVENT EMISSIONS ering control. Ambient air monitoring/sampling : Jerry Avery H.P. Vaughan Telephone#: (504)646-0039 #3(504)436-7777 : Billy Ryals Telephone #: (504) 340-2091 Telephone: (504)436-0244 SE IDENTIFY THE AGENCY: Authority: begin (MM/DD/YY) damage (or an unreasonable financial burden):
Name: Quality Contractors	*3 Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan
Address: 113 Ondine Lane	^{#3} 685 Bridge City Avenue		
City: Slidell "3 Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	IR #2		<u> </u>
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Plac	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DE	D/YY)
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	IM/DD/YY):		
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	nused unsafe conditions or would	cause equipment damage (or an u	unreasonable financial burden):
(VI. DESCRIPTION OF PROCEDUI NONFRIABLE ASSESTOS	RES TO BE FOLLOWED IN THE EVE MATERIAL BECOMES CRUMBLED.	NT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO PO	IS FOUND OR PREVIOUSLY WDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PAR 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS. HAS BEEN

(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

NOTIFICATION OF	DEMOLITION AND RE	NOVATION Source #	FORM FOR	M AAC-2 REV	3/12/95	
I. TYPE OF NOTIFICATION	(CIRCLE ONB)	ORIGINAL	REVISED	CANCELED)	
II. FACILITY INFORMATION		Contact: Joh	n Martin		······································	
OWNER NAME: U.S. EPA Region 6		Telephone: 2	214-665-2270			
Mailing Address: 1445 Ross Ave		т		Y		
City: Dallas		State: TX		Zip: 75202		
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7S00008	· · · · · · · · · · · · · · · · · · ·	
Address: 113 Ondine Lane						
City: Slidell		State: LA		Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039			
OTHER OPERATOR:		DEQ Project	Designer #:		·	
Address:						
City:		State:		Zip:		
Contact:		Telephone:				
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency l	Reno	
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) VES NO	Inspection D	ate: Jan Apr.	1996		
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's A	Accreditation #:	610685		
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number)			
Building/Component Name: Church (#	(609)	Fire Marshall Project #:				
Street Address: 610 6th Street						
City: Gretna	State: LA	Zip: 70053		Parish: Jefferson		
Site Location: In back of house		Telephone: NA				
Building Size: NA	# of Floors: NA	Age in Years: NA				
Present Use: NA		Prior Use: NA				
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Bulk Sampli	ALYTICAL METHOD IF A ng - EPA Method 600/R-93	APPROPRIAT 3/116	E, USED TO D	ETECT THE PR	ESENCE OF	
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	feasurement	
		Cat I	Cat II	UNIT		
Pipes				Ln Ft:	Ln m:	
Surface Area				Sq Ft:	Sq m:	
Vol RACM off Facility Component				Cu Ft:	Cu yds: 2	
VIII. SCHEDULED DATES ASBESTOS REM	OVAL (MM/DD/YY)	Start: (1/1)	196	Complete: 12/21/96		
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start: //	196	Complete: /2	121/96	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8/27/98</u> SITE#: <u>609</u>		ADDRESS:	610 Gvet	6th na	54
ACM LOCATED BENEATH:	HOUSE				
APPR. CRAWL SPACE HEIGHT:					
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB				
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=			
No Alm	No.	l'ww/	Spoc	e	

TEAM MEMBERS:

MTL/PLL

05-0609-540

Tracking Number (610 + 611)

FIELD DATA SHEET 1

Revised 8/11/97

(onnew)		
Site Information: (b) (6)	(5) (6)	
Occupant: Vacant	Interviewee:	
Address: (b) (6)	Albiens da.	
Phone No.: (b) (6)	(b) (c)	
Owner Name, Address, and Phone No. if Different Than (b) (6)		
(b) (6) New Ou	WHER (0 (b) (6)	
Site Description:		
Description of property (circle): single home; du vacant house; vacant lot; other	uplex; business; school; daycare, chi	
Problems accessing yards (circle): locked gate; g resolution:	gate; dogs; other nDnl	
Underground utilities installed by owner? (circle): septic tank; other Note location on site sketch.	no; water gas; electric; cable TV;	
4) Is any underground ACM present? (circle): yes; n If yes, note on site sketch. How deep?	no; don't know	
(b) (6) (b) (6)		0610-510
Estimated Volume of ACM		1
Estimated Volume of ACM:	access mailed in on	\dashv
Comments:	10/15 pellas	
Packful: topsoi//sod	· · · · · · · ·	
Date/Time of Interview: Pholes (10:30)10	0/19/94 Access Granted (circle): yes; no	
Team Members: Eliodes		
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005393

11/44 GOT ACCESS FROM NEW

FIELD DATA SHEET 1

Occupant: Wacant Interviewee: (b) (6) Address: (b) (6) Phone No.: Owner Address and Phone No. if Different Then Occupant: (b) (6) Site Description:	
Phone No.: Owner Name Address and Phone No. if Different Than Occupant: (b) (6)	
Owner Name Address and Phone No. if Different Then Occupant: (b) (6)	
(b) (6)	
Site Description:	ı
	_
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; othernon	
3) Underground utilities installed by owner? (circle): no; water: gas; electric; cable TV; septic tank; other	
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
Duplex (b) (6) (c) (6) (d) (6) (d) (6) (e) (7) (f) (6) (f) (7) (f) (6) (f) (7)	
Estimated Volume of ACM:	7
Comments: access mailed in on 10/15 pallas	
Backfill: topsoi 1/sod	
Date/Time of Interview: Phodes (10:30)/0/19/94 Access Granted (circle): yes;) no	
Team Members: Ashodes	

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at 2	1527 M	y Sto	Ourus					CRTY		
				WES	(b) (6)	V2BF210	OS SITE			
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gin		her actio	ons related to t	he investig	ation of su	ırface or s	subsurface	contaminatio	on;	
cauliti	3. In	e perfor	mance of a res	ponse actio	on includir	ng, but no	t limited to	o, the following	ng actions	s:
ce weep	25 25	· а.	Use of mecha	mical equin	oment (e g	small bu	lldozers b	ackhoes or t	rackhoes	and
1997						, •	, .	,		
Thank	۲ <u>۵</u> .	b. ,	Removal of a	sbestos-co	ntaminate	d material	from the	property;		
Mars.	ر سے آگھ		Renlacement	of remove	d achaetoe	-containir	na materia	l with a like-r	naterial (i	e clean
mazza (Om.	C,	fill, crushed li	imestone) a			_			
		d.	•		-	_		•	es, or tred	es whose
		e.								ses of
·	(CER	omprehe CLA), 4 ninated	nsive Environi 2 U.S.C. § 960 property, and	nental Resp DI <u>et seq</u> . it legally ca	Phone Number(s): ers, employees, and parties authorized by the United States by (EPA) entering and having continued access to my propert for the rand air samples as may be determined to be necessary; investigation of surface or subsurface contamination; are action including, but not limited to, the following actions: all equipment (e.g. small bulldozers, backhoes, or trackhoes and operty; atos-contaminated material from the property; emoved asbestos-containing material with a like-material (i.e., clean atone) and regrading of the replaced material to the property's with locally-available vegetation of any sod, bushes, or trees whose cessary part of the removal action, and; er actions necessary to mitigate releases or threats of releases of neces, pollutants or contaminants from the property. It is are undertaken pursuant to EPA's response responsibilities under tal Response, Compensation, and Liability Act, as amended at seq. Under those authorities, EPA can only remediate and restore gally cannot improve a property beyond removing hazardous operty. It is given by me voluntarily with knowledge of my right to refuse and my kind. By signing this access agreement 1 am not waiving any have against any person or party in connection with the response					
	rights	it threat in law o	s or promises or in equity I m	of any kind	l. By sign	ing this ac	ccess agree	ement I am no	ot waiving	g any
	A	Thereby consent to officers, employees, and parties authorized by the United States invironmental Protection Agency (EPA) entering and having continued access to my propert for the sollowing purposes: The taking of such soil, water and air samples as may be determined to be necessary; Other actions related to the investigation of surface or subsurface contamination; The performance of a response action including, but not limited to, the following actions: Let a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property; b. Removal of asbestos-contaminated material from the property; c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade; d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and; e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property. I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore ontaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property. This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any ghts in law or in equity I may have against any person or party in connection with the response ction EPA will perform. Agast 22 1997 DATE SIGNATURE								
	Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes: Local College of such soil, water and air samples as may be determined to be necessary; 2. Other actions related to the investigation of surface or subsurface contamination; 3. The performance of a response action including, but not limited to, the following actions: Local Society of the property; a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property; b. Removal of asbestos-contaminated material from the property; c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade; d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and; e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property. I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seg. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property. This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equily I may have against any person or party in connection with the response action EPA will perform. August 22 1937 DATE Other EPA will perform.									
					· 00:	5395		01-0611-	520	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(b) (b)		. •
Property Owner's Name:		• • • •	
Property's Address:(b) (6	(1)		
State/Zip: NOLA 70114	_Phone Number(s):		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small buildozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

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August 8, 1997
DATE

SIGNATURE

01-0610-520 01-0611-520

Tracking # 410 + 611

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:						
Property's Address: (b) (6)	_,	NEW	QRLEANS	73	· · · · · · · · · · · · · · · · · · ·	
State/Zip: 4 70114 Phone Number(s):	(6)					

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- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

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This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

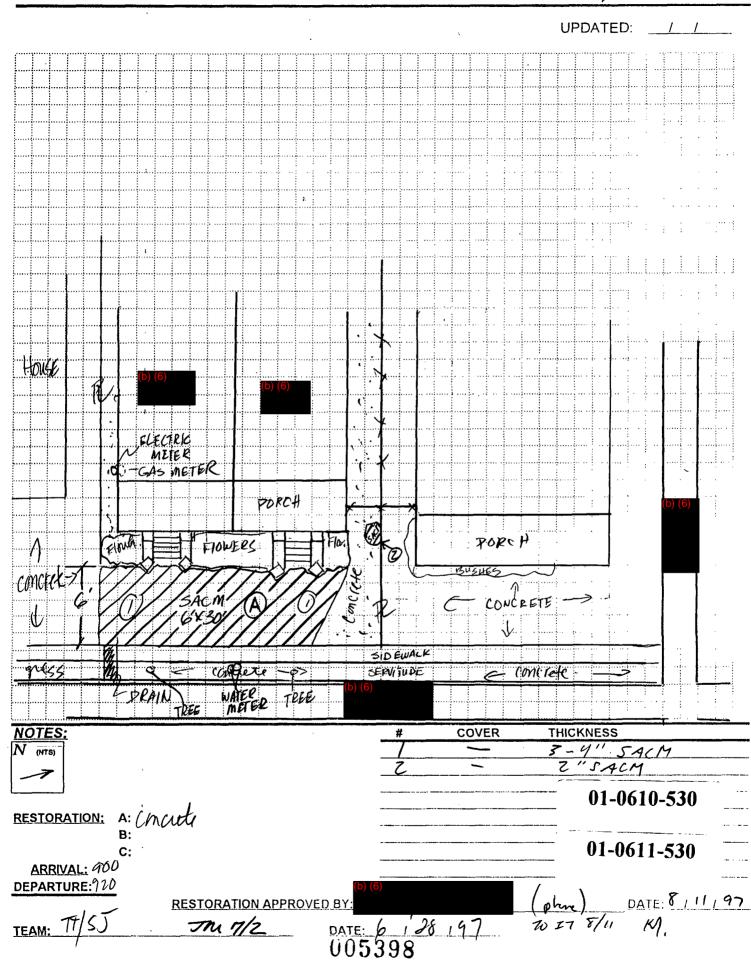
0 d /6/9/

SIGNATURE

01-0610-520

01-0611-520

005397



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

17	77	1	
- 11	Y	١.	•

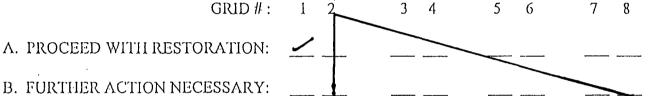
SITE# 610 + 611

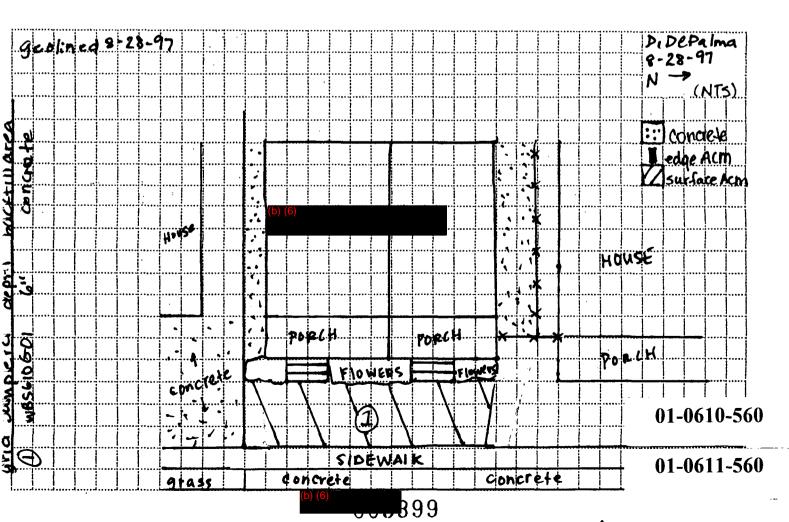
ADDRESS:

Algiers, La

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





AUTHORIZED EPA/START REPRESENTATIVE

Deena DePoln

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Tuesday, September 02, 1997

Ref Number: IN97961

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	<u>NONASB</u> FIBROUS	<u>ESTOS</u> % NONFIBROUS
WBS604G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotila < 1% Crocidolite	:		80% Quartz 20% Other
WBS610G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	 		80% Quartz 20% Other
WBS1050G01		Brown Non-Fibrous Homageneous	Crushed	< 1% Chrysotile	!		80% Quartz 20% Other
WBS1050G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotlle < 1% Crocidolite		ī	80% Quartz 18% Other
WB\$740G01		Brown Non-Fibrous Homogeneous	Crushed	i < 1% Chrysotile < 1% Crocidolite	;		80% Quartz 20% Other
WBS740G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	1		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

01-0610-570

01-0611-570

Approved

Signatory



be gularanteed. Floor tiles and wipes should be tested with either SEM of TEM. The above test report relates only to the items tested. This report may daily be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one significant to be valid Leborystory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

oment, NJ 609-858-4800 Piscataway, NJ 908-981-0550

516-997-7251

Manhattan, NY 212-290-0052 Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

II San Mateo, CA 0 415-570-5401 Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Ecology & Environmental 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Thursday, October 10, 1996

Ref Number: TX962394

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: WESTBANK ASBESTOS-REMOVAL SUPPORT

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBABC01	+ 013	10/2/96	7286.40	12.5	100	0.0004	15.92	0.0008
WBABC02	# 0(3	10/2/96	7214.40	9.0	100	0.0004	11.46	0.0006
WBABC03	#\$013	10/2/96	7238.40	14.0	100	0.0004	17.83	0.0009
WBABC04	# 013	10/2/96	7276.80	15.5	100	0.0004	19.75	0.0010
WBAAL01	#610/611	10/3/96	7252.80	13.0	100	0.0004	16.56	0.0009
WBAAL02	#610/611	10/3/96	7171.20	11.5	100	0.0004	14.65	0.0008

01-0610-572

01-0611-572

Steven Duhon Analyst

Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.

Analysis performed by EMSL of Houston.

3

609-858-4800

908-981-0550

516-997-7251

212-290-0052

Seattle, WA

203-233-9007

Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

404-333-6066

Greensboro, NC 910-297-1487

Houston, TX 713-686-3635



Ecology & Environmental 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Thursday, October 10, 1996

Ref Number: TX962394

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: WESTBANK ASBESTOS-REMOVAL SUPPORT

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBAAL03	# 610/611	10/3/96	7200.00	10.0	100	0.0004	12.74	0.0007
WBAAL04	# 610/6 II	10/3/96	7132.80	8.0	100	0.0004	10.19	0.0006
WBAMA01	#314	10/4/96	7272.00	47.5	100	0.0004	60.51	0.0032
WBAMA02	#314	10/4/96	7243.30	29.5	100	0.0004	37.58	0.0020
WBAMA03	#314	10/4/96	7252.80	44.5	100	0.0004	56.69	0.0030
WBAMAFB- BLANK		10/4/96	0.00	0.0	100		0	

Steven Duhon

Analyst

Approved Signatory

LOD = Limit of Detection. The method assumes the towest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm* and not in fibers/cc. which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Houston.

01-0610-572

01-0611-572

WESTBANK ASBEST OS ABATEMENT NEW ORLEANS LOUISIANA

RESTORATION FORM

SITE# 610/611

	DATE	DATE	DATE	DATE			
-					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)					-		
4" Concrete Installation (sq. yds.)					20,00		
Sand Installation (sq.yds.)							
Lower Lift Sand					20.00		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)	***					·	
Sand (cu.yds.)					1.00		
Concrete (cu.yds.)					2.25		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)				,			
EXTRA							· .

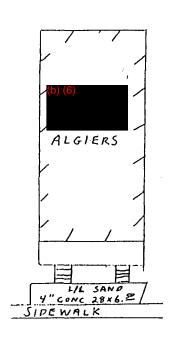
Site Sketch on Back of Page

COMMENTS:		
		01-0610-590
IT REPRESENTATIVE SIGNATURE	•	01.0611.500
SUB 1 SIGNATURE		01-0611-590
SUB 2 SIGNATURE	005403	



1
ノ

By stre Date 8-28-97 Subject RESTORATION	N SITE # 610/611 Sheet No of
Chkd. By Date	Proj. No
	0.5cm. X 0.5cm.



01-0610-590

01-0611-590

NOTIFI	ICATION OF DEMOLITION A	AND RENOVATION FORM (co	ontinued)
X. DESCRIPTION OF PLA Excavation of residential proper	ANNED DEMOLITION OR REN	NOVATION WORK AND METH on techniques.	IOD(s) TO BE USED:
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATION	EERING CONTROLS TO BE US N SITE: ssions for engineering control. A	
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	^{#3} Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane	*3 685 Bridge City Avenue		
City: Slidell "3 Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	R #2		
Name: B & S Equipment Co., I	inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Place	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfil	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDE	ERED BY A GOVERNMENT A	GENCY, PLEASE IDENTIFY T	THE AGENCY:
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD)/YY)
XV. FOR EMERGENCY REN	NOVATIONS		
Date and hour of emergency (M	iM/DD/YY):		
Description of the Sudden, Unex	xpected Event:		
Explanation of how the event car	used unsafe conditions or would o	cause equipment damage (or an u	nreasonable financial burden):
	MATERIAL BECOMES CRUMBLED,	NT THAT UNEXPECTED ASBESTOS I PULVERIZED, OR REDUCED TO POV	
		S OF THIS REGULATION (LAC 33:III. N OR RENOVATION AND EVIDENCE ABLE FOR INSPECTION DURING NO	
	•	(Signature of Owner/Opera	
XVIII. I CERTIFY THAT THE ABOV	/E INFORMATION IS CORRECT.	11011	-

(Signature of Owner/Operator/Contractor) PURSUANT TO R.S.40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

# of ADVF's Requested 1	Parish # 2140	Source#		ADVF#	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	RIGINAL	REVISED	CANCEL	ED
II. FACILITY INFORMATION		Contact: John	n Martin		
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270		
Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's I	Liscense #: 26445	DEQ ID #: 7500	0008
Address: 113 Ondine Lane				•	
City: Slidell		State: LA		Zip: 70456	
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:					
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergeno	cy Reno
IV. IS ASBESTOS PRESENT? (CI	RCLE ONE) ES NO	Inspection D	ate: Jan Apr.	1996	
Inspector's Name: Debra Bendily (Ll	DEQ)	Inspector's Accreditation #: 6I0685			
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	room number))	
Building/Component Name: Duplex (#	[‡] 610/611)	Fire Marshall Project #:			
Street Address: (b) (6)	-				
City: Algiers	State: LA	Zip: 70114		Parish: Orle	ans
Site Location: In front of house		Telephone: N	IA		
Building Size: NA	# of Floors: NA	Age in Years	: NA		
Present Use: NA		Prior Use: NA			
VI. PROCEDURE INCLUDING AN ASBESTOS MATERIAL: Buik Sampli	ALYTICAL METHOD IF A	APPROPRIATI	E, USED TO D	ETECT THE	PRESENCE OF
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Uni Below	t Measurement
***************************************		Cat I	Cat II	UNIT	:
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 4
VIII. SCHEDULED DATES ASBESTOS REM	IOVAL (MM/DD/YY)	Start: ////	196	Complete:	2/2/186
IX. SCHEDULED DATES DEMO/RENOVA	TION (MM/DD/YY)	Start:	1/96	Complete:	12/2/96
	0054	0617	01-0610)-550	01-0611-55

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/21/98 SITE #: 0610		ADDRESS:	(b) (6) Algiers	
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:				
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)				
SKETCH OR COMMENTS:				
	/			
	/			
	·			
0.000	 			
no Acm present				
aresent				
Present				
TEAM ME	MBERS: JS &	EW)		

005407

01-0610-540

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/21/98 SITE#: 061/	(b) (6) ADDRESS: HIS IEIS
ACM LOCATED BENEATH: HOU	
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM: CHU	DER
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
no Acm present	
TEAM MEMBERS:	SA EW 01.0611.540

005408

01-0611-540

New City Company

428 PLANTERS CANAL ROAD BELLE CHASSE, LOUISIANA 70037



01-0610-600

01-0611-600

JOHN MARTIN OSC U.S. EPA, Region 6 (65F-R2) 1445 Ross Avenue Dallos TEXAS 75202

Tracking Number	61	12

FIELD DATA SHEET 1

NVA

Site information:	(b) (6)
Occupant: Vacant	Interviewee:
Address: (b) (6)	iers, CA
Phone No.: (b) (6)	,
Quyner Name Address and Phone No. if Different Than C	Occupant:
Site Description:	· ·
1) Description of property (circle): single home, dup vacant house; vacant lot; other	lex; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate resolution: Call ourse for the	te; dogs; other
3) Underground utilities installed by owner? (circle): no septic tank; other	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; not If yes, note on site sketch. How deep?	don't know
Site Sketch:	NORTH
5/DEW*Ck (b) (6)	(b) (6) (b) (6)
Estimated Volume of ACM:	
Comments: Limestone W/edgin	y * call before arriving to unlock gate
Date/Time of Interview: 10/3/94 /2:30	Access Granted (circle): (yes) no
Team Members: Shode / Thu Chi	uch

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name

Property Owner's Name:

Property's Address:

State/Zip: / A 7005z Phone Number(s):

(b) (6) Gretna.

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 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

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This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-3-96 DATE U SIGNATURE

01-0612-520

TRACKING	#	612
RACKING	#	

SITE SKETCH

ADDRESS:

	Algiers	
(b) (6)	7,10	

	UPDATED: / //
	44
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	3 2
(b) (6)	No. of the second secon
The state of the s	ELECTRIC &
	mulk
	2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DARC	
Porce	1 1 1 1 1 1 1
BUSHES	
C GRASS > 5	SACM CONTRACTOR OF THE SACM CONTRACTOR OF THE
J DP	
STOCIMAL V	
SIDEWALK +	6 (as >
	(186) · · · \ 61 (us >
1 (b) (6)	
WATER DEAIN METER	
NOTES:	# COVER THICKNESS
N (NTS)	1 6" roil / sod -
	Z Z''soil/sod Z'' ACM 3 3''SACM
l	J. J.ACT
RESTORATION: A: Concrete (5'x5') B: Soil/sod remainder	
B: Soil/Sod remainder C:	01-0612-530
ARRIVAL: 800 0054	12
DEPARTURE: (4)	
RESTORATION APPROVED BY:	(phone) DATE 7/10/97
TEAM: 71/55 JM 7/2 DATE: 6	
	1011 + 10 17

NOTIF	CATION OF DEMOLITION	AND RENOVATION FORM (c	antinual)
X. DESCRIPTION OF PLA		NOVATION WORK AND METH	
OF ASBESTOS AT THE DEM	IOLITION AND RENOVATIO	EERING CONTROLS TO BE US N SITE: issions for engineering control. A	•
XII. WASTE TRANSPORTE	R #1		
Name: Quality Contractors	⁸³ Vaughan Contractors	Contact Person: Jerry Avery	Ħ.P. Vaughan
Address: 113 Ondine Lane	*3 685 Bridge City Avenue		
City: Slidell "3 Bridge City	State: LA	Zip: 70458 #3 70094	Telephone#: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTE	IR #2	. I	<u> </u>
Name: B & S Equipment Co.,	Inc.	Contact Person: Billy Ryals	
Address: 1713 Winchester Plac	e		
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SIT	E:		
Name: Jefferson Parish Landfi	ll (Kelvin Landfill)		
Location: 5800 Avondale 90 W	/est		
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORD	ERED BY A GOVERNMENT	AGENCY, PLEASE IDENTIFY	THE AGENCY:
Name:		Tide:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD/YY)	
XV. FOR EMERGENCY RE	NOVATIONS		
Date and hour of emergency (M	M/DD/YY):		
Description of the Sudden, Une	xpected Event:		
Explanation of how the event ca	used unsafe conditions or would	l cause equipment damage (or an u	unreasonable financial burden):
XVI. DESCRIPTION OF PROCEDUR NONFRIABLE ASBESTOS	RES TO BE FOLLOWED IN THE EVI MATERIAL BECOMES CRUMBLED	ENT THAT UNEXPECTED ASBESTOS I	IS FOUND OR PREVIOUSLY WDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III. Chapter 27, Appendix A / 40 CFR PAR 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40: 1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

NOTIFICATION OF	DEMOLITION AND RE		FORM FO	RM AAC-2 REV.5	/12/95
# of ADVF's Requested 1	Parish # 1340	Source #		ADVF#	
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED)
II. FACILITY INFORMATION		Contact: John Martin			
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave					
City: Dallas		State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality	Environmental Constr.	La. Contractor's	Liscense #: 26445	DEQ ID #: 7500008	
Address: 113 Ondine Lane					
City: Slidell		State: LA	State: LA Zip: 70456		
Contact: Gerald Avery		Telephone: 5	04-646-0039		
OTHER OPERATOR:		DEQ Project	Designer #:		
Address:					
City:		State:		Zip:	
Contact:		Telephone:			
III. TYPE OF OPERATION (CIRC	CLE ONE) Demo	Ordered Demo	Renovation	Emergency I	Reno
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO Inspection Date: Jan Apr. 1996					
Inspector's Name: Debra Bendily (LI	DEQ)	Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (In	clude building name, numb	er, and floor or	r room number)		
Building/Component Name: Home (#612)		Fire Marshal	l Project #:		
Street Address: (b) (6)					
City: Algiers	State: LA	Zip: 70114		Parish: Jefferso	n
Site Location: In front of house Telephone: NA					
Building Size: NA # of Floors: NA Age in Years: NA					
Present Use: NA		Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116					
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: P. Regulated ACM to be removed Category I ACM not removed Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit M Below	leasurement
		Cat I	Cat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 1
VIII. SCHEDULED DATES ASBESTOS REM	VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		/96	Complete: (2)	121/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: n//	196	Complete: / Z	121/96

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/2/198 SITE #: 06/2	ADDRESS: Alguers
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
(b) (6)	Locked gate Possible Acm in front yard

TEAM MEMBERS: JS & ETW

01-0612-540

Tracking Number	_613
114014115 1 14111001	

FIELD DATA SHEET 1

Site Information:	
Occupant:	Interviewee:
Address: 4th + Pine theet, Mo	mero, LA
Phone No.: 347 0213	
Owner Name, Address, and Phone No. if Different Than Occup 6100 4th Street? Lowny Construction	pant: Archie Lowery
Site Description:	
Description of property (circle): single home; duplex; vacant house; vacant lot; other	business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; resolution:	dogs; other
3) Underground utilities installed by owner? (circle): no; septic tank; other Note location on site sketch.	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; do If yes, note on site sketch. How deep?	on't know
Estimated Volume of ACM: Comments: DOHNS-MANUILL AND DOMANUILL TOHNS-MANUILL	DACM RESIDENT N
Date/Time of Interview: /2/12/96	Access Granted (circle): Yes; no
Team Members:	07-0613-510

FROM: LOWERY BROS SEP-10-1997 17:24

PHONE NO. : 3415555

613

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: LOWERY BROS KISSING CENTER
Property's Address: GIOO ATH FREET MARRERO, LA
State/Zip: 700 72 Phone Number(s): 377-02/3

I hereby consent to officers, employees, and parties authorized by the United States
Environmental Protection Agency (EPA) entering and having continued access to my propert for the
following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - Use of mechanical equipment (e.g. small buildozers, backhoes, or trackhoes and trucks) on the property;
 - Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I restize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA) 42 U.S.C. § 9501 at seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to reduce and without the step or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

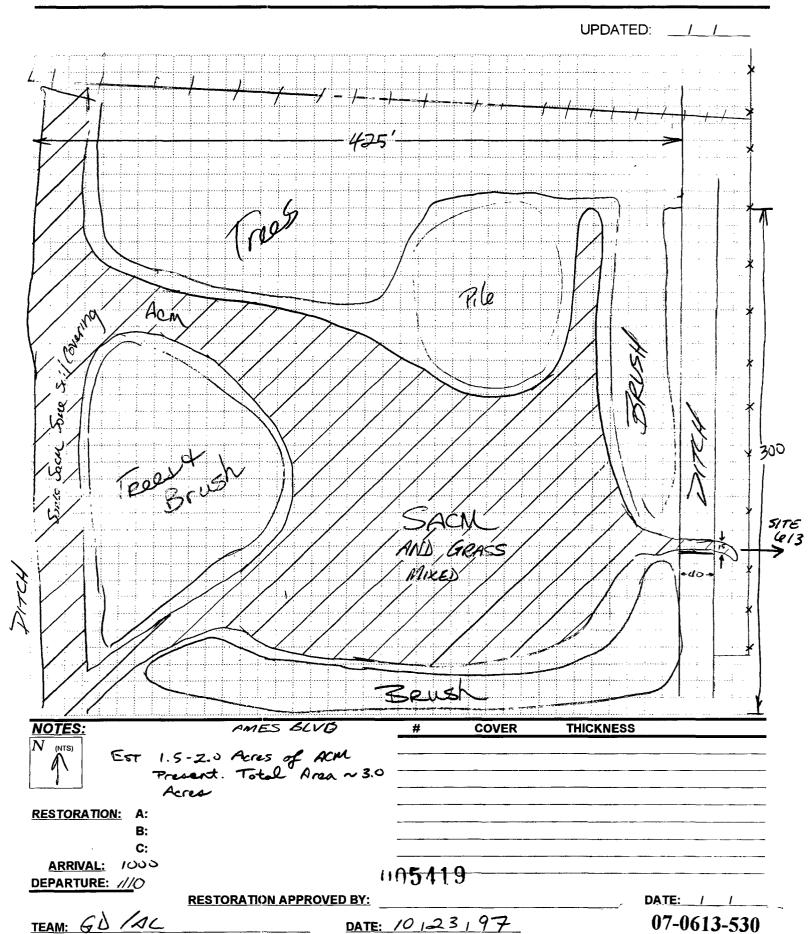
SIGNATURE

TOTAL P.82

07-0613-520

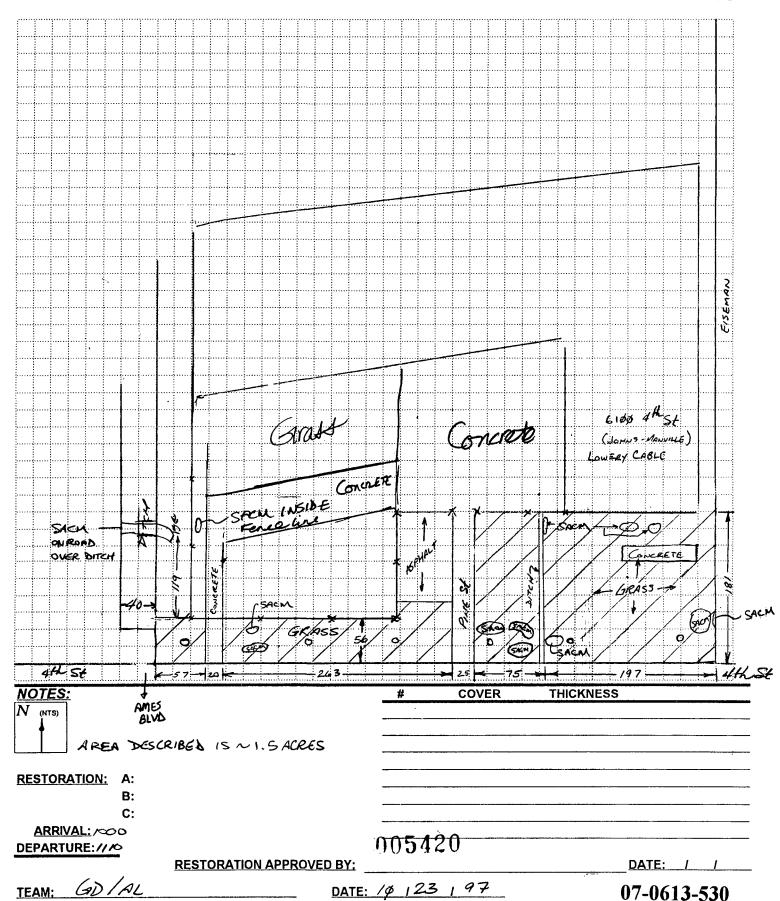
07-0613-530

UPDATED: __/_/ BROS grave NOTES: COVER **THICKNESS** Entire lot N (NT8) RESTORATION: A: Linestone ARRIVAL: /1 30 -105418 DEPARTURE: 12.00 DATE: 1 **RESTORATION APPROVED BY:** DATE: 911197



400 6 %

UPDATED: / /



WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9-21-98</u> SITE #: <u>0613</u>	ADDRESS: 6100 4TH.ST. MARKERO
ACM LOCATED BENEATH: APPR. CRAWL SPACE HEIGHT:	WAREHOUSE HOUSE SHED
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:	076
J. Acm	ABOVE GROUND WAREHOUSE, CRAWL SPACE BLOCKED IN.
	01-0613-540

005421

TEAM MEMBERS:

J.Y. & A.T.

FIELD DATA SHEET 1

(b) (6)	(b) (6)
Occupant:	Interviewee:
Address:	Giretna, LA 70053
Phone No.:	,
Owner Name, Address, and Phone No. if Different Than C	Occupant:
Site Description:	
Description of property (circle): single home; dup vacant house; vacant lot; other	lex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; gat resolution:	e; dogs; other <u>N</u> Å
3) Underground utilities installed by owner? (circle): no septic tank; other \(\frac{1}{2}\) H Note location on site sketch.	; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; If yes, note on site sketch. How deep?	don't know
Site Sketch:	hV
(b) (6)	
Estimated Volume of ACM:	
Comments: No visible ACM	
Date/Time of Interview: 1-18/1446	Access Granted (circle): (yes;) no
Team Members: IM/AR	
	A TOTAL OF THE STATE OF THE STA

TRACKING # 614 NO Visible ACM

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property's Address:	(1.) (0)	
State/Zip: <u>La. 70053</u>	Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
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 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

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This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE Sygnature O

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98 SITE #: 6/4		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT: DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		
.M.		
TEAM MEMBE	ers: DA/	ML

05-0614-540

Tracking Number	615

FIELD DATA SHEET 1

(b) (6) Occupant:	Interviewee:
(b) (6) Address:	Alain I A
Phone No.:	, acques , LA
Owner Name, Address, and Phone No.	. if Different Than Occupant:
(b) (6)	
	-caretaker
Site Description:	
1) Description of property (circle): vacant house; vacant lot; other_	
Problems accessing yards (circle): resolution:	
3) Underground utilities installed by over septic tank; other Note location on site sketch.	
4) Is any underground ACM present? (of If yes, note on site sketch. How deep	
Site Sketch: So Acm So A	
Comments: Wants concrete	
Date/Time of Interview: /Z///	9:05 Access Granted (circle): (yes;) no
Team Members: Te/mj	

Tracking Number	6	15	
-----------------	---	----	--

FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee:
Address: (b) (6)	GALTIM ALGIERS
Phone No.: (6) (6)	mother in laws house)
Owner Name, Address and Phone No. if Different Than October 15 (6) (6) (6) (7) (7)	ccupant: W to handle all mafters pertaining to#615.
(5) (5)	80 yrs old.
Site Description:	
Description of property (circle): single home: duple vacant house; vacant lot; other	ex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate resolution:	; dogs; other hone
3) Underground utilities installed by owner? (circle): no; septic tank; other	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; If yes, note on site sketch. How deep?	Zon't know
Site Sketch:	221 = A <m< td=""></m<>
travel shed	N->
45' 45' (D) (G)	
(b) (6)	01-0615-510
Estimated Volume of ACM: 300 ft ²	
Comments: (b) (6) Akelth made 11-20-90@ 1201,	nter + caretaker) concrete JM/AR Backfill: Exushed timestone ok
Date/Time of Interview: 12/7/96 0955	Access Granted (circle): (yes;) no
Team Members: Min	
Acm Plaking in driveway. Conc	rele or limestone OK. 12/-196

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(D) (6)	
Property Owner's Name:		
Property's Address:		
State/Zip: Olgrin La.	Phone Number(s) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
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 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

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This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE DATE

SIGNATURE

care taken

005427

01-0615-520

De

TRACKING # 615

SITE SKETCH

ADDRESS:

UPDATED: 6 (ass \bigcirc 5he Jrass 68×8 concrete 19×21 Steps 19 SACM 3x3 61255 Hee SACM SACM 3x3 C/254 18×1 -rass concrete water Danney 1 meter NOTES: Notal ACM 180 sqf1. COVER THICKNESS Signed off on Concrete for 10X18 at front of driveway RESTORATION: A: A: and the rest time stone C: > SEE NOTE ABOVE 01-0615-530 ARRIVAL: 0904 DEPARTURE: 0944 TW7/26/97
RESTORATION APPROVED BY: 005425 1/6 197 € TO IT 7/30/97 PW

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

77	7 ,	
- 11	γ	٠

SITE# 615

ADDRESS:

New Orleans (Algiers), LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO avalytical as & 8.29.97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

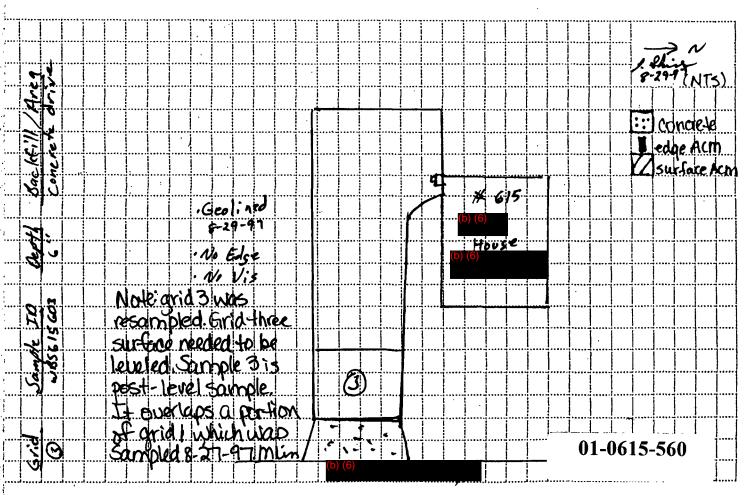
GRID#:

1

3 5 6 7 8

B. FURTHER ACTION NECESSARY:

A. PROCEED WITH RESTORATION:



005429
AUTHORIZED EPA/START REPRESENTATIVE Maggirtin

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

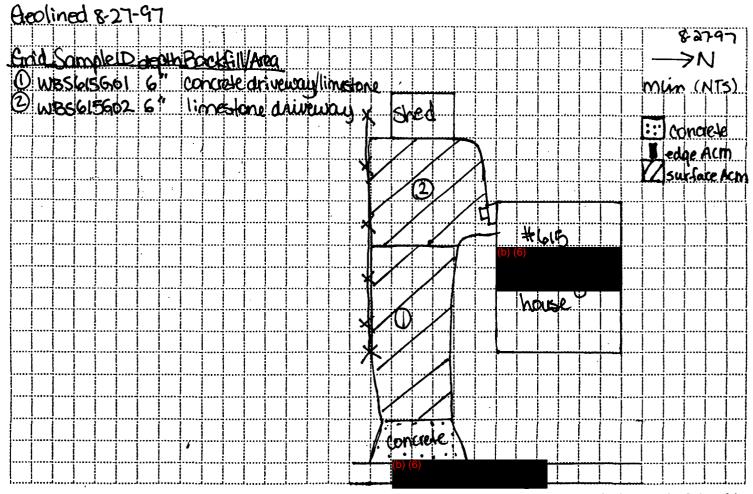
FYI:		٠
SITE# 615	ADDRESS: (6) (6)	
·	New Orleans (Algiers), LA	ļ

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 100 analytical as of \$27-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: $\sqrt{\frac{1}{2}}$ B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE Magic on

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMSL

Attn.: Maggie Lin

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816 Friday, August 29, 1997

Ref Number: IN97946

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

			SAMPL	F	ASBES	<u>stos</u>		NONASBES	<u>iros</u>	
SAMPLE	LOCATION	APPEARANCE	TREATM		%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1065G06	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		2% Chry < 1% Croc					Quartz Other
WB\$1065G07		Brown Non-Fibrous Homogeneous	Crushed		< 1% Chry	rsotile				6 Quartz 6 Other
WBS615G01		Brown Non-Fibrous Homogeneous	Crushed		< 1% Chry < 1% Cros		İ			6 Quartz 6 Other
WB\$815G02		Brown Non-Fibrous Homogeneous	Crushed		8% Chry 2% Croc			,		6 Quartz 6 Other
WBS874G03		Brown Non-Fibrous Homogeneous	Crushed		2% Chry < 1% Croc	•				6 Quartz 6 Other
WBS874G04		Brown Non-Fibrous Homogeneous	Crushed	:	2% Chry 1% Croc	=				6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Marguet 5. Phillips

Margaret Phillips
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be gueranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMBL. The above test must not be used by the client to claim product endorsement by NYLAP not any agency of the United States Government. All "NYLAP" reports with NYLAP long must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of indienepolis (NYLAP Air and Bulk #200188-0).

. ..

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Deena DePalma Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Wednesday, September 03, 199

Ref Number: 1N97974

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	96	NONASBESTOS FIBROUS %	NONFIBROU
WB8977G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected	:		6 Quartz % Other
WBS1058G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			6 Quertz 6 Other
: WB81056G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			% Quartz % Other
WB81360G01		Brown ! Non-Fibrous ! Homogeneous	Crushed	< 1% Chrysotile < 1% Crookdolite			K Quartz K Other
!		Brown Non-Fibrous Hornogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	:		K Quartz K Other
W88977G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysatile	1		% Quartz % Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY semples also analyzed by ELAP 198-1 Method

Jane Wasilewski

Approved Signatory

Analyst

Disclatmers: PLM has been known to mise espectos in a small percentage of samples which contain aspectos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the otient to claim product endorsement by NVI,AP nor any agency of the United States Government. All "NVIAP" reports with NVIAP log must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVIAP Air and Rulk #200188-0).

WANT THE ANBESTOR

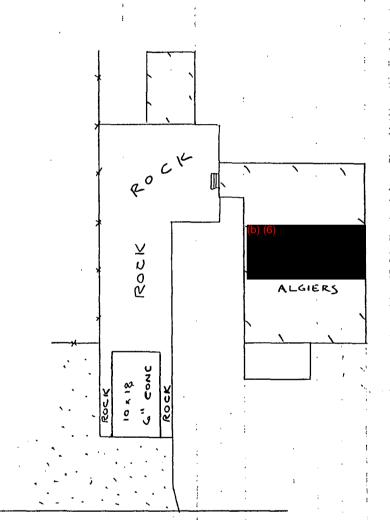
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Drive lary AT No

Cost To De



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01-0615-590

WESTBANK ASBESTOS ABATEMENT

RESTORATION FORM

SITE#	615
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·	•		•		•	•	4
	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
cock installation (sq.yds.)					115.50		
od Installation (sq.yds.)							
" Concrete Installation (sq. yds.)					ZO. <u>∞</u>		
" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)		****					·
ower Lift Sand		<u>-</u>					ļ
Rock, Brown (cu.yds.)							ļ
Rock, Gray (cu.yds.)					32.00		
Sand (cu.yds.)	•						
Concrete (cu.yds.)					, <u>se</u> 3.		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA				<u> </u>			
	Site Ske	tch on E	Back of F	Page			
COMMENTS:							

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

01-0615-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9 22 98</u> SITE#: <u>0615</u>	ADDRESS: (b) (6) Highers
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
no Acm present	Legetation Vegetation
TEAM MEMBI	ers: JS 7 EW

005436

01-0615-540

FIELD DATA SHEET 1

Site Information:	(b) (6) According to
Occupant: (b) (6)	Interviewee
Address:	Giretna LA 70053
Phone No.:	
Owner Name, Address, and Phone No. if Different Than C	Occupant:
Site Description:	
1) Description of property (circle): single home dup vacant house; vacant lot; other	lex; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gat resolution: Wall we resolution	e; dogs; other
3) Underground utilities installed by owner? (circle): no septic tank; other Note location on site sketch.	;) water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no: If yes, note on site sketch. How deep?	don't know
Site Sketch: Garage ACM Booff ² Comments: Back fill: limbstim, w	X100' Ledging
Date/Time of Interview: 11-11/0934	Access Granted (circle): yes) no
Team Members: JM / AR	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property's Address:	<u></u>	
State/Zip: <u>Anot NA 14</u> Phone Number(s):		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

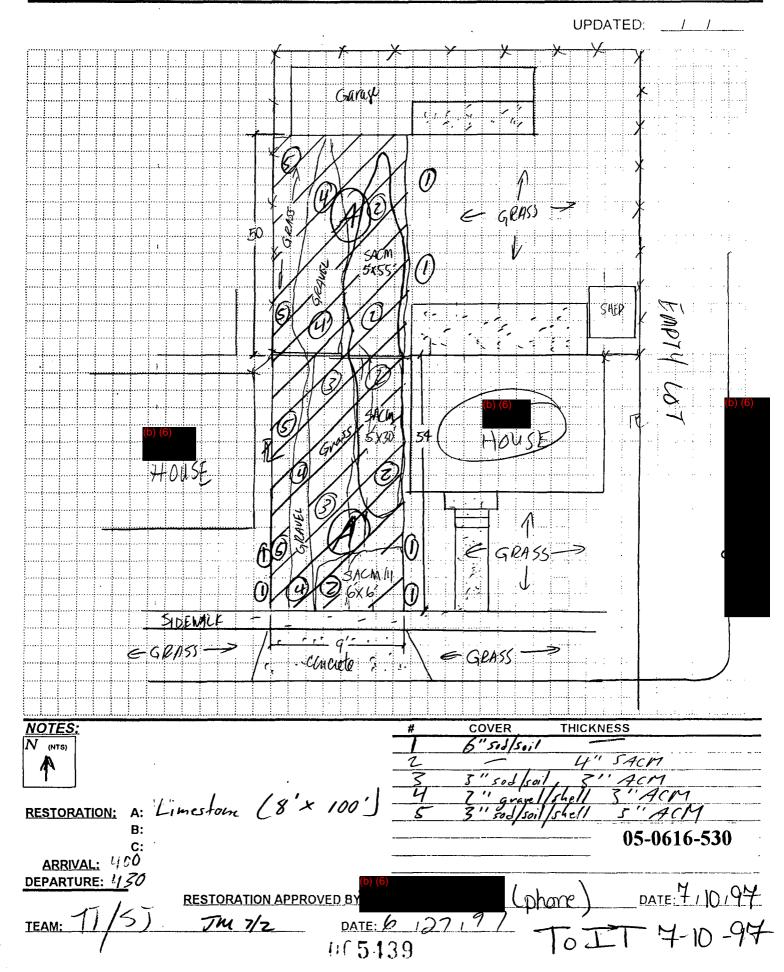
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
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 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/12/96 DATE SIGNATÚRE





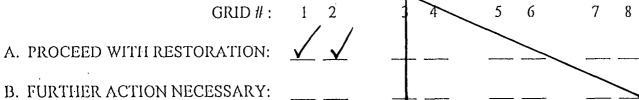
WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

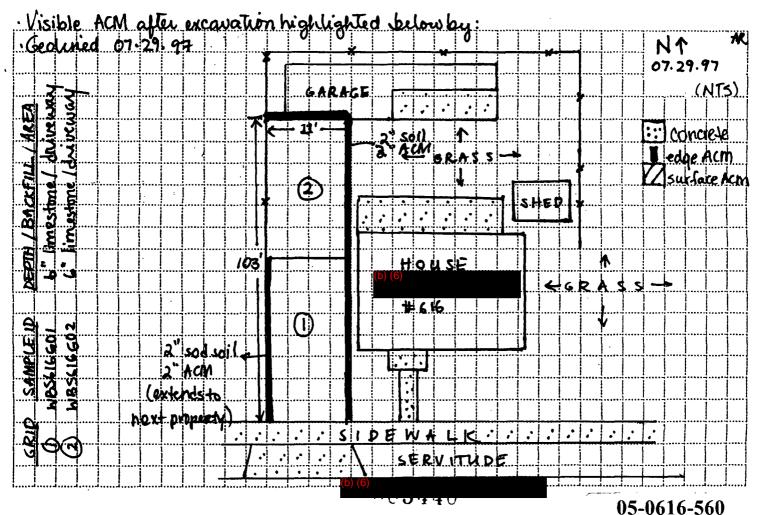
FYI:	
SITE# _616	ADDRESS: (b) (6)
•	Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No Analytical data received in of 07-29-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING

ACTION:





AUTHORIZED EPA/START REPRESENTATIVE a. R.Vle.

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Gregory R. Day **Ecology & Environmental** 11550 New Castle Avenue Baton Rouge, LA 70816



Ref Number: IN97642

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>	NONAS	BESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	% FIBROUS	%	NONFIBROUS
WB\$703G01	(b) (6)	Brown	Crushed	None Detected	" " ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	80%	Quartz
· · ·		Non-Fibrous Homogeneous					Other
. WBS1055G01		Brown	i	< 1% Chrysotlle	i •	900/	^
1		Non-Fibrous	Crusned	< 1% Crocidolite	:		Quartz Other
		Homogeneous		in the second		en Signe	Outer
WBS1055G02		Brown	Crushed	None Detected			Quartz
<u> </u>		Non-Fibrous Homogeneous		1	!	20%	Other
				l	•		
WBS616G01		Brown Non-Fibrous	Crushed	< 1% Chrysotile < 1% Crocidolite			Quartz Other
		Homogeneous	i I		Programme of	₹ i	•
WBS616G02		Brown Non-Fibrous	Crushed	None Detected	The state of the s		Quartz Other
		Homogeneous		· !	¥44	54 5	
WBS596G01		Brown Non-Fibrous	Crushed	< 1% Chrysotile < 1% Crocidolite	I to the		Quartz Other
	:	Hornogeneous .		j ,			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

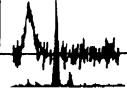
* NY samples also analyzed by ELAP 198-1 Method

Analyst

Approved Signatory

be gueranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to daim product endorsement by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0616-570





ROCK

05-0616-590

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

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SITE#	616	

SUB 1 SIGNATURE			05443	B. i 1			
T REPRESENTATIVE SIGNATI	JRE		·		:	05-0616-	590
OMMENTS:				·		•	
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astic Edging (ft.)							
oncrete (cu.yds.)							
and (cu.yds.)							
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Concrete Installation (sq. yds.)					•		
Concrete Installation (sq. yds.)						<u> </u>	ļ
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ck Installation (sq.yds.)					125.∞		-
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	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT
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WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/88 SITE #: Qol6		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:	48.00	=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
No Hen			
TEAM MEN	MBERS: DLL/M	TI	

005444

05-0616-540

	/	1.17	
Tracking Number	61	/ / -	

FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee: Daughter
Address:	Marrero, LA
Phone No.	
Owner Name, Address, and Phone No. if Diffe	rent Than Occupant:
Site Description:	
1) Description of property (circle): single ho vacant house; vacant lot; other	ome duplex; business; school; daycare; church;
Problems accessing yards (circle): locked resolution:	gate; gate; dogs; other
3) Underground utilities installed by owner? (conseptic tank; other	
4) Is any underground ACM present? (circle): If yes, note on site sketch. How deep?	yes; no; don't know
Site Sketch: ACM ZYZO X GARAGE CON CREATE	House (a) (6)
Estimated Volume of ACM: 40+17	196 at 0756 has to hove property investisated
Comments: for 1 cm - reported 1 cm	in back of house by sorase Crushed linestone
Date/Time of Interview: \(\) 2 96	Access Granted (circlé): (yes;) no
Team Members: <a\ i="" i<="" td=""><td></td></a\>	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	
Property's Address: (6) (6)	Marrero
State/Zip: $\triangle A$	Phone Number(s):(b) (6)

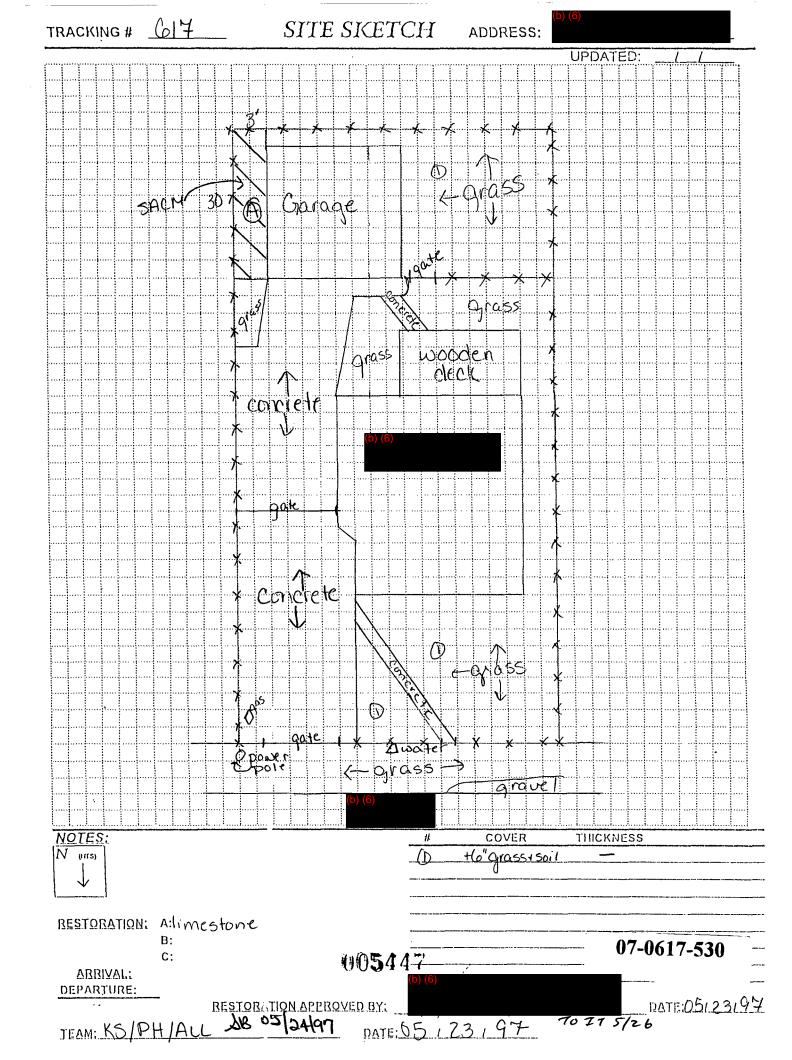
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-2-96 DATE (b) (6) © SIGNATURE



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

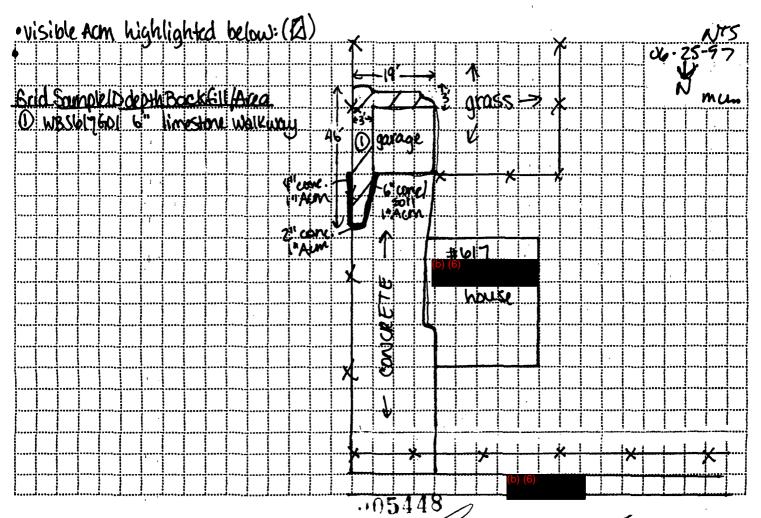
FYI:		
SITE# 6/7	. !	ADDRESS: (b) (6)
	;	Marrero, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Local Conference of Conf

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: $\sqrt{}$ B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

Toureme Part

07-0617-560

Westmant, NJ Precentative, NJ Carle Place, NY Manhatten, NY Statille WA Ann Artor, MI Sen Meleo CA Smyrne, GA Greensboro, NC Houston TX 609-858-4800 908-981-0550 516-997-7261 212-290-0052 203-233-9007 313-668-6810 415-570-5401 404-322-6065 910-297-1487 713-868-3835

Attn.: Barbara Storey

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge. LA 70816 Tuesday, July 01, 1997

Ref Number: TX972639



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS / 020601RAGI

			SAMPLE	ASAE			NONASR		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WB8233G01	(6)	Brown Non-Fibraus Homogeneous	Toased	< 1% Chr	ysatlie			100%	Other
WBS817001		Brown Fibrous Homogeneous	Teased	5% Chr < 1% Cro	-	· ·		95%	o Other
WB\$321G03		Brown Fibrous Hamogeneous	Teasod	2% Chr < 1% Cro		,	, <u>.</u>	95%	o Other
:WB\$227G01		Brown Fibrous Homogensous	:Teased	3% Chn	ysotlie			97%	6 Other
:WB\$041G01		Brown Fibrous Homogeneaus	(Toased	. 4% Chr	ysatlie	:		96%	o Other
WB61285G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr < 1% Cro	-			1009	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" reters to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Arthur Hernandez, Analyst

Approved Signatory

Disclaimers. PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. This negative PLM results cannot be guaranteed. Floor lifes and wipes should be (ested with either SEM or TEM. The showle test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsament by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP long must contain at least one signature to be valid Laboratory is not responsible for the sociately of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSI of Houston (NVI AP Air and Built #102106).

A Hallands



ز

By_ <i>PM</i>	Date <u>6-26-97</u>	_Subject	RESTORATION	SIFE#	617	Sheet Noof	
Chkd By	Data					Proj No	

ROCK GARAGE MARRERO 07-0617-590

WESTBANK ASBESTOS ABATEMENT

3UB 2 SIGNATURE

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SITE# 617

	DATE	DATE	DATE	DATE			
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od Installation (sq.yds.)							-
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ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)				-	5.99		
and (cu.yds.)				4			
oncrete (cu.yds.)							
lastic Edging (ft.)							
/alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)							
XTRA							
.*	Site Ske	tch on B	ack of P	age			
COMMENTS:						٠	
T REPRESENTATIVE SIGNATU	RE						······
SUB 1 SIGNATURE		0	0545	L	· · · · · · · · · · · · · · · · · · ·	07-061	7-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/24/98 SITE #: 617		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
No WM		D'ng
TEAM MEMBI	ers: PL	07-0617-540

005452

11-19 shetch mode, owner not home TM/AR SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: Gretna, La 70054
Phone No.: (b) (6)
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
Description of property (circle): single home duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: Apartments Concrete Concrete Concrete
Estimated Volume of ACM: 215 +12
Comments: Backfill: 0 & Concrete 8 soil/sod
Date/Time of Interview: 1/-19/1340 Access Granted (circle): yes no
Team Members: IM/AR

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)	
Property Owner's Name:	
Property's Address:	GRETNA
State/Zip: $\angle A$. 70054 Phone Number(s): (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

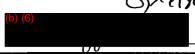
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

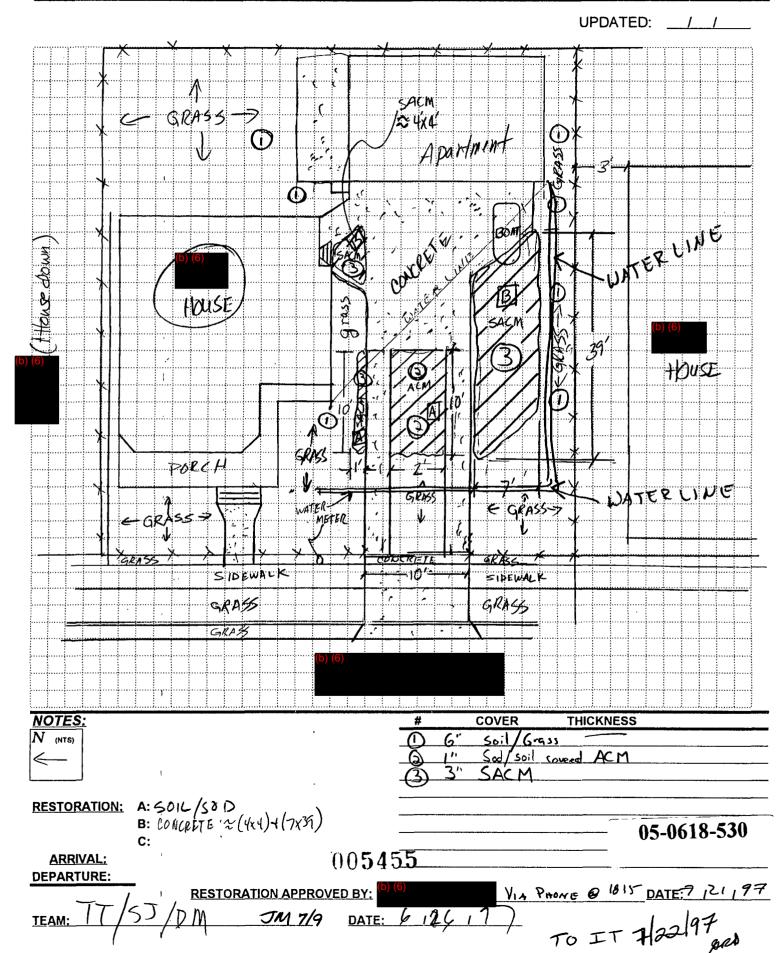
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE

SIGNATURE





WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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Gras

05-0618-560

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AUTHORIZED EPA/START REPRESENTATIVE <u>Alma Rillea</u>

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Thursday, August 07, 1997

Ref Number: IN97727

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020801 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % Type	%	<u>NONASBES1</u> FIBROUS	 NONFIBROUS
WB8879G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlie < 1% Grooidelite			Quartz Other
WBS879G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysolile < 1% Crocidelite			Quartz Other
WB\$345G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crockdailte			Quartz Other
WB8345G02		Brown Non-Fibrous Homogensous	Crushed	< 1% Chrysotile < 1% Crocidolite			Quartz Other
WBS348G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			Quartz Other
W88818G01	:	Brown Non-Fibrous Homogensous	Crushed	None Detected			Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Lavers" refers to number of separable subsamples.

Note: Sample WBS1216G01 could not be hamogenized due to the nature of the sample submitted

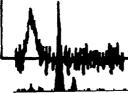
Analyst

005457

Signatory

Disclaimers: PLM has been known to miss asbestos in a amail percentage of samples which contain asbestos. Thus negative PLM results cannot be gueranteed. Floor illes and wipes should be tasted with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP new any agency of the United States Government. All "NVLAP" reports with reVLAP logo must contain at least one digrature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analyzes performed by EMSL of Indianapolits (NVLAP Air and Sulk #200188-0).



^{*} NY samples also analyzed by ELAP 195-1 Method

EMSL Analytical, Inc.

08/07/1997 14:42

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Alma Rillera

Ecology & Environmental 11550 New Castle Avenue Baton Rouge, LA 70816

Thursday, August 07, 1997

Ref Number: IN97727

POLARIZED LIGHT MICROSCOPY (PLM)

EMSL

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	app e arance	SAMPLE TREATMENT	ASBEST %	OS TYPE	%	<u>nonasees</u> Fibrou9		NONFIBROUS
WBS518G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysc	otije		••	80%	Quertz Other
WB8594G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso < 1% Crocid					Quartz Other
WB8712G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso < 1% Crook			••		Quartz Other
WB8712G02		Brown Non-Fibrous Hamogeneous	Crushed	< 1% Chryso < 1% Crocid		† : 			Quartz Olher
WB\$712G03		Brown Non-Fibrous Hamogeneaus	Crushed	< 1% Chryse < 1% Croold		:			Quartz Other
WB8700901		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysc < 1% Croold		: ! !			Quartz Other

Comments: For all obviously instarogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Note: Sample WBS1215G01 could not be homogenized due to the nature of the sample submitted

Jane Wasilewski

Approved Signatory

Disclaimers: PLM has been known to mise asbestos in a small percentage of samples which contain sebestos. Thus negative PLM results connot be guaranteed. Ploor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor environment of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

^{*} NY samples also analyzed by ELAP 195-1 Method

68GB/C/TF /F:91 /EET/DB/DB/

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Gregory Day

Ecology & Environmental

11550 New Castle Avenue
Baton Rouge, LA 70816

Friday, August 08, 1997

Ref Number: IN97720

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	. # <i>STRUCTURES</i> < 5µ ≥ 5µ NONASB	AREA ANALYZED (mm²)	CONCENTI ASBESTOS S AS/mm³		ANALYTICAL SENSITIVITY (AS/cc)
WBA618HF4	3016.00	None Detected	0	0.0480	<20.8333	<0.0027	0.0027
					:		
WBA357HF8	. 2201.68	None Detected	0	0.0480	* <20.8333	<0.0036	0.0036
							1
WBA618HF1	3038.40	None Detected	0	0.0480	<20.8333	<0.0026	0.0026
	i			•			i

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

Richard K. Harding

Analyst

Approved
Signatory

Disclaimers: The isporatory is only responsible for fibers counted in fibers/mm² and not in fibers/co, which is dependent on volume collected by non-laboratory personnel.

Accredited for PLM/TEM NVLAP #200188-0



1
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Ву	PM	Date <u>8-6-97</u>	Subject RESTORATION SITE # 618	Sheet Noof
	i. By			Proj. No.
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:			(b) (6)	, v , v , v , v , v , v , v , v , v , v
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υ**054**60'

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

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SITE#	318
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	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					8.=		
5" Concrete Installation (sq. yds.)					41. ⁵⁰		
" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					8.99		
_ower Lift Sand					34,00		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)	,			·			
Sand (cu.yds.)					6.00		
Concrete (cu.yds.)					7,00		(.
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						•	
Topsoil (cu.yds.)							
EXTRA							
	Site Sk	etch on	Back of I	Page			
COMMENTS:						·	
	**************************************					Named to the second second second second second second second second second second second second second second	
IT REPRESENTATIVE SIGNAT	URE	and weather the property of the control of the second			· .	**************************************	
SUB 1 SIGNATURE			05.65			05-0618	-590
SUB 2 SIGNATURE		U	05461	1			0

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/31/98 SITE #: 6/8		(b) (6) ADDRESS:
ACM LOCATED BENEATH: APPR. CRAWL SPACE HEIGHT:	HOUSE	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		_
SKETCH OR COMMENTS:		
ACM		
(b) (6)		

FIELD DATA SHEET 1

Occupant: (b) (6)	Interviewee (b) (6)	
Address:	GRETNA	
Phone No		

Owner Name, Address, and Phone No. if Different Th	nan Occupant:
te Description:	4
Description of property (circle): vacant house; vacant lot; other	duplex; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
S) Underground utilities installed by owner? (circle): septic tank; other <u>day howe</u> Note location on site sketch.	no; water; gas; electric; cable TV;
Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	no; don't know
garage Action 3 x 55' 3 x 55' Action 4 x 50' Action 3 x 55' Action 4 x 50' Action A	
stimated Volume of ACM:	
Comments: Back fill: ? It Walke	way-concrete 12/7/94 1257

OK FOR MARKING/EXCAVATING W/O 12/16 NOT BETORE

Date/Time of Interview:

Access Granted (circle) yes;

Team Members:

Tracking # 619

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (6)		
Property's Address:			
State/Zip: GRETNA14 F	Phone Number(s): (b) (6)		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE (b) (6)

SIGNATURE

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENTATIVE Line Riller

Wastinger, NJ Planalaway, NJ Carle Place, NT Manhatian, NY Santie, WA Ass Arbor, MI San Mane, CA Smyroe, QA Greenaboro, NC Southe, TA Carle Place, NY Manhatian, NY Santie, WA Ass Arbor, MI San Mane, CA Smyroe, QA Greenaboro, NC Southe, TA Carle Place, NY Manhatian, NY Santie, WA Ass Arbor, MI San Mane, CA Smyroe, QA Greenaboro, NC Southe, TA Carle Place, NY Manhatian, NY Santie, WA Ass Arbor, MI San Mane, CA Smyroe, QA Greenaboro, NC Southe, TA Carle Place, NY Manhatian, NY Santie, WA Ass Arbor, MI San Mane, CA Smyroe, QA Greenaboro, NC Southe, TA Carle Place, NY Manhatian, NY Santie, WA Ass Arbor, MI San Mane, CA Smyroe, QA Greenaboro, NC Southe, TA Carle Place, NY Manhatian, NY Santie, WA Ass Arbor, MI San Mane, CA Smyroe, QA Greenaboro, NC Southe, TA Carle Place, NY Manhatian, NY Santie, WA Ass Arbor, MI San Mane, CA Smyroe, QA Greenaboro, NC Southe, NY Manhatian, NY Santie, WA Ass Arbor, MI San Mane, CA Smyroe, QA Greenaboro, NC Southe, NY Manhatian, NY Santie, WA Ass Arbor, MI San Mane, CA Smyroe, QA Greenaboro, NC Southe, NY Manhatian, NY San Mane, CA Smyroe, QA Greenaboro, NC Southe, NY Manhatian, NY San

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Wednesday, March 12, 1997

Ref Number: TX97755

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

	SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u> </u>	SIOS TYPE	%	<u>NONASBES</u> FIBROUS	TOS %	NONFIBROUS
	WBS619G01	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1% Chr	ysotil e			100%	o Other
	WBS379G01		Brown Fibrous Homogeneous	Teased	Nor	ne Detected			100%	o Other
	WBS379G02		Brown Fibrous Homogeneous	Teased	< 1% Chr	ysotil o			100%	6 Other
i	WBS379G03	· • • • • • • • • • • • • • • • • • • •	Brown Fibrous Homogeneous	Teased	Nor	ne Detected			100%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hemandez, Jr. Analyst

Approved Signatory

Disclaimers: PLM has been known to miss aspestos in a small percentage of samples which contain aspestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must dontain at least one signature to be valid. Esboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0619-570



By PM Date 3-12-97 Subject REStoration SIFE # 619 Sheet No. of ____

Chkd. By_____ Proj. No. ______

SLOPE SLOPE TO SLOPE

(=) (=)

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8-6-98</u> SITE#: <u>6/9</u>	ADDRESS: (b) (6) G-RETNA
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
	NO VISABLE ALM
<u> </u>	

05-0619-540

	, -	`	\wedge	
Tracking Numl	per 6	4	U	

FIELD DATA SHEET 1

(b) (6) Occupant	Interviewee:
Address: (b) (6)	Marrero LA 70072
Phone No.: (b) (6)	beepet)
Owner Name, Address, and Ph SAME	one No. if Different Than Occupant:
Site Description:	
Description of property (circ vacant house; vacant lot;	
Problems accessing yards (cresolution:	circle): locked gate; (gate) dogs; other
3) Underground utilities install septic tank; other Note location on site sketch	
4) Is any underground ACM pr If yes, note on site sketch. F	resent? (circle): (yes) no; don't know how deep? Inservituale, shall buy <1"
Site Sketch:	X X X X X X X X X X X X X X X X X X X
Estimated Volume of ACM:	
Comments: Histaric 9	nyard, removed by owner Nowinserv
Date/Time of Interview: 9	19/96 // ØØ Access Granted (circle): (yes;) no
Team Members: Grag	Day Pete Geiger
\mathcal{J}	005470 07-0620-51

New Site

Tracking # 620

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property's Address:	, MARRERO	
State/Zip: 44, 70072	Phone Number(s):	Seeper

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

19/96 DATE

SIGNATURE /

07-0620-520

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:					•	
SITE#	620			ADDRESS:	(b) (6)	
-			•		Marrero, La.	70072
WERE EV BASED C ACTION: A. PROC	/ALUAT ON AN E EED WI	TED BY THE VALUATIO TH RESTOR	E USEPA START THE ANALY OF TH	EAM ON	12/96	ERE RECEIVED AND ID THE FOLLOWING
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			(b) (<u>6)</u>		
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						07-0620-560

AUTHORIZED EPA/START REPRESENTATIVI

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WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:					
SITE#	620		ADDRESS:	(b) (6)	
-		-	- -	Marrero, La.	70072
WERE EY BASED C ACTION: A. PROC	VALUATED BY TH ON AN EVALUATION	grid 1 RATION:	AM ON/	0/25/96.	ERE RECEIVED AND THE FOLLOWING
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AUTHORIZED EPA/START REPRESENTATIVE

Westmont, NJ 609-858-4800

Piscataway, NJ 908-981-0550

516-997-7251

212-290-0052

Manhattan, NY

Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066

Greensboro, NC 910-297-1487

Houston, TX 713-686-3635



Ecology & Environment, Inc.

11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, October 29, 1996

Ref Number: TX962626

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	<u>ASB</u>	<u>ESTOS</u>		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1025-01MA	620	Tan Non-Fibrous Homogeneous	Teased	< 1% Cr	rysotile			1009	% Other
WBS1025-02MA	620	Brown Non-Fibrous Homogeneous	Teased	2% Ch < 1% An	rysotile nosite			989	% Other
WBS1025-03MA	620	Tan Non-Fibrous Homogeneous	Teased	2% Ch < 1% An	rysotile nosite			98%	% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas **Analyst**

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

07-0620-570

Westmont, NJ P 609-858-4800

Piscataway, NJ 908-981-0550

Carle Place, NY 516-997-7251

NY Manhattan, NY 51 212-290-0052

Seattle, WA 203-233-9007

Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066

910-297-1487

Houston, TX 713-686-3635 EMS

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, November 05, 1996

Ref Number: TX962742

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

	•		SAMPLE	ASBI	ESTOS		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS569-03- GR3	569-PILE	Tan Non-Fibrous Homogeneous	Teased	2% Ch < 1% An	rysotile nosite			98%	6 Other
WBS569-02- GR3	569-GRIDS	Tan Non-Fibrous Homogeneous	Teased	< 1% Ch < 1% Arr	•			100%	6 Other
WBS620-02- MA2	620	Tan Non-Fibrous Homogeneous	Teased	< 1% Ch < 1% Am	•			100%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas

Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

07-0620-570

609-858-4800

Piscataway, NJ 908-981-0550

516-997-7251

Carle Place, NY

Manhattan, NY 212-290-0052

Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

San Mateo, CA 415-670-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, October 28, 1996

Ref Number: TX962617

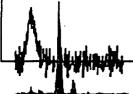
PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBA102402MA	(b) (6)	10/24/96	9189.00	8.5	100	0.0003	10.83	0.0005
WBA102406MA		10/24/96	11980.00	14.0	100	0.0002	17.83	0.0006
WBA102407MA		10/24/96	12064.00		Sa	ample Was C	Overloaded	
WBA102401MA		10/24/96	11759.00	11.5	100	0.0002	14.65	0.0005
WBA102403MA		10/24/96	11707.00	11.0	100	0.0002	14.01	0.0005
WBA102404MA		10/24/96	12115.00	15.5	100	0.0002	19.75	0.0006

Steven Duhon **Analyst**

Approved Signatory

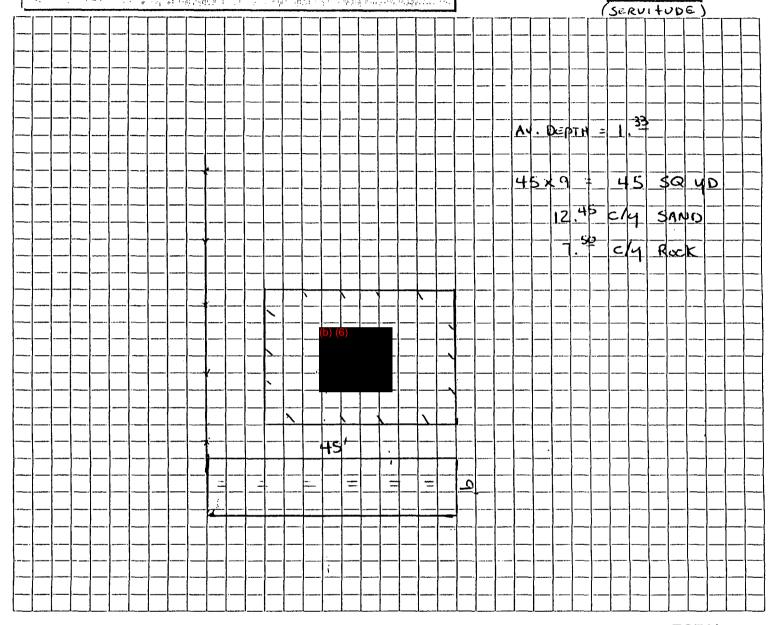


LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Houston.

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 620



Driveway Reconst. (sq.yds.) Walkway Reconst. (sq.yds.) Sod Installation (sq.yds.) Backfill Materials (cu.yds.) Backfill Installation (sq.yds.)

Р	las	tic	;	Ε	d	g	iı	1	g	(1	fl)	

Limestone (cu.yds.)	

		IOIAL
45		45
	,;·	·
12.45	·	12.45
45		12.5
7.50		7.50

IT	REF	PRES	ENTA	ATIVE	SIG	NATURE	•
NC	DLA	REP	RESE	ENTAT	IVE	SIGNAT	URE

Patrick	mile	/
	, , , , ,	

005477

07-0620-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/16/98 SITE #: 620		ADDRESS:_	(b) (6) /Narrer0	
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		iii.		
SKETCH OR COMMENTS:			M	
No Acm				
TEAM ME	MBERS: MTL /A	SB		

07-0620-540

Tracking Number	621	

Site Information:
Occupant: Interviewee:
Address: (b) (6); Manero LA
Phone No.: Call owner home (b) (6)
Owner Name Address and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home, duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know) If yes, note on site sketch. How deep?
Site Sketch: (5) (6) Howse Acm 4'
Estimated Volume of ACM:
Comments: 10/24 getting ready to buy from Borgret call has
Back Fill: Limestone
Date/Time of Interview: Access Granted (circle): yes; no
Team Members: Phodes Starling
005479 07-0621-510

FIELD DATA SHEET 1

CONSENT FOR ACCESS		
WESTBANK ASBE	ESTOS SITE Mocaes	home
Property Owner's Name: Property's Address: State/Zip: LA. 70072 Phone Number(s	MARRERO s):	
	(b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-24-96 DATE



CONSENT FOR ACCESS TO PROPERTY

WESTBANK ASBESTOS SITE

Property Owner's Nam

Property's Address:

70022 Phone Number(s):

State/Zip: OCCUPAN+:

- In process of buying home I hereby consent to officers, employees, and parties authorized by the United States

Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and a. trucks) on the property;
 - Removal of asbestos-contaminated material from the property; b.
 - Replacement of removed asbestos-containing material with a like-material (i.e., clean C. fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

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SIGNATURE

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENTATIVE

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Westmont, NJ 609-858-4800 Piscataway, NJ 908-981-0550

Carte Place, NY 516-997-7251

Manhattan, N

ttan, NY Seattle 20.0052 202.222 WA 1007 Ann Arbor, MI San Mateo, CA 313-668-6810 415-570-5401

iateo, CA Smyrna, GA 170-5401 404-333-6066

GA Gre

910-297-1487 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Friday, November 15, 1996

Ref Number: TX962914

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020607 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	<u>NONASBE</u> FIBROUS	ESTOS %	NONFIBROUS
WBS29301MA1	293	Brown Fibrous Homogeneous	Teased	10% Chrysotile 2% Crocidolite			88%	6 Other
WBS29302MA1	293	Brown Fibrous Homogeneous	Teased	5% Chrysotile 2% Crocidolite			93%	6 Other
WBS62101MA1	621	Brown Fibrous Homogeneous	Teased	15% Chrysotile 2% Crocidolite			83%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hørnandez, Jr. Analyst

005483

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsament by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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Signatory



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516-997-7251

Carle Place, NY Manhattan, NY

212-290-0052

Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250

Baton Rouge, LA 70816

Monday, November 04, 1996

Ref Number: TX962697

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc				
WBA103101WA	TRACK #441	10/31/96	4235.00	16.5	100	0.0006	21.02	0.0019				
WBA103102WA	TRACK #441	10/31/96	4243.00	14.0	100	0.0006	17.83	0.0016				
WBA103103WA	TRACK #441	10/31/96	4211.00	24.5	100	0.0006	31.21	0.0029				
WBA103104WA	TRACK #621	10/31/96	6540.00		Sample Was Overloaded							
WBA103105WA	TRACK #621	10/31/96	6189.00		Sample Was Overloaded							
WBA103106WA	TRACK #621	10/31/96	6279.00		Sa	ample Was O)verloaded					

Steven Duhon **Analyst**

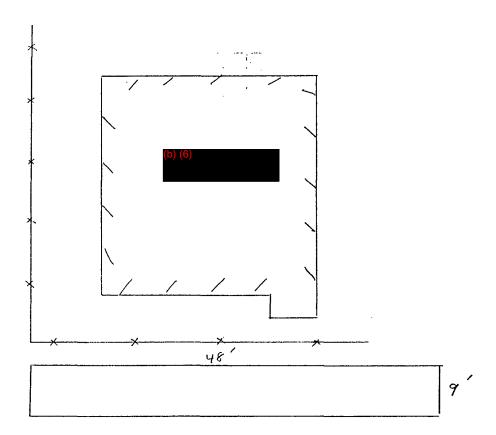
Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Houston.





Ву	_`Date	Subject	_ Sheet No	_ of
Chkd By	Date		Proj. No.	



07-0621-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/18/98 SITE #: 621		ADDRESS:	(b) (6) (Marrero
ACM LOCATED BENEATH:	HOUSE SHED		, and the second
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=	
No Aun			

TEAM MEMBERS:

MTL/ASB

and the second s

Tracking Number 620

FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: (b) (6) Manew, LA 70072
Phone No
Owner Address and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>~o</u> resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: Winder SIDENALK
Estimated Volume of ACM:
Comments: left access lown / Soil + grass
Date/Time of Interview: D2496 0853 Access Granted (circle): (es; no
Team Members: MUTC
07-0622-5

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(5) (5)	
Property Owner's Nan	ne:	
Property's Address:	Marrera	LA
	2072 Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and a. trucks) on the property;
 - Removal of asbestos-contaminated material from the property; b.
 - Replacement of removed asbestos-containing material with a like-material (i.e., clean C. fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - The replacement with locally-available vegetation of any sod, bushes, or trees whose d. removal was a necessary part of the removal action, and;
 - The taking of other actions necessary to mitigate releases or threats of releases of e. hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SIGNATURE

DATE

Soil & grass

07-0622-520

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:					
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AUTHORIZED EPA/START REPRESENTATIVE

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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Piscataway, NJ 908-981-0550 Carle Place, N 516-997-7251 Manhattan, NT 212-290-0052 Seattle, WA 203-233-9007

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Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, November 05, 1996

Ref Number: TX962759

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

		APPEARANCE	SAMPLE	ASBE	STOS	NONASBESTOS							
SAMPLE	LOCATION		TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS				
WBS 622-01 MA1	TRACK 622	Tan Non-Fibrous Homogeneous	Teased	2% Ch < 1% Cro	-			98%	6 Other				
WBS 622-02 MA1	TRACK 622	Tan Non-Fibrous Homogeneous	Teased	4% Chr < 1% Cro	•			96%	6 Other				
WBS 622-03 MA1	TRACK 622	Tan Non-Fibrous Homogeneous	Teased	5% Chi < 1% Cro	•			95%	6 Other				

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas

Analyst

Approved Signatory



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with the product of the United States Government. All "NVLAP" reports with the product of the United States Government. All "NVLAP" reports with the product of the United States Government. All "NVLAP" reports with the product of the United States Government. All "NVLAP" reports with the product of the United States Government. All "NVLAP" reports with the product of the United States Government. All "NVLAP" reports with the product of the United States Government. All "NVLAP" reports with the product of the United States Government. All "NVLAP" reports with the product of the United States Government. All "NVLAP" reports with the product of the United States Government. All "NVLAP" reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to claim product endorsement by NVLAP reports with the client to client the client to claim product endorsement by NVLAP reports with the client to c

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Carle Place, NY 516-997-7251

212-290-0052

Seattle, WA 203-233-9007

Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

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713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, November 12, 1996

Ref Number: TX962860

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	% F	NONASBESTOS	-
WBS 446 01 MA1	TRACK 446 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		100	9% Other
WBS 625 01 MA1	TRACK 625 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		100	% Other
WBS 569 03 MA2	TRACK 569 GRID 3	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		100	% Other
WBS 622 01 MA2	TRACK 622 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		100	% Other
WBS 446 02 MA1	TRACK 446 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		100	% Other
WBS 449 02 MA2	TRACK 449 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		100	% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos B. Salinas

Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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NY Manhattan, N 1 212-290-0052 Seattle, WA 203-233-9007

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Ann Arbor, MI San Mateo, CA 313-668-6810 415-570-5401

Mateo, CA Smyrna, GA .570.5401 404.333.6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, November 12, 1996

Ref Number: TX962860

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	%	<u>NONASBE</u> FIBROUS	ESTOS %	NONFIBROUS
WBS 297 298 MA1	TRACK 297-298 GRID 1	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98%	6 Other
WBS 446 03 MA1	TRACK 446 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	6 Other
WBS 622 02 MA2	TRACK 622 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	6 Other
WBS 446 04 MA1	TRACK 446 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst Xoproved Signatory

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Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635



Ecology & Environment, Inc.

11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, November 04, 1996

Ref Number: TX962697

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBA103107WA	TRACK #622	10/31/96	1290.00	21.5	100	0.0021	27.39	0.0082
WBA103108WA	TRACK #622	10/31/96	1298.00	15.0	100	0.0021	19.11	0.0057
WBA103109WA	TRACK #622	10/31/96	1322.00	14.5	100	0.0020	18.47	0.0054

Steven Duhon **Analyst**

Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Analysis performed by EMSL of Houston.

07-0622-572

Westmont, NJ 609-858-4800

908-981-0550

516-997-7251

Manhattan, NY 212-290-0052 Seattle, WA 203-233-9007

Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, 6A 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Tuesday, November 05, 1996

Ref Number: TX962746

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
WBA110101MA	TRACK #622	11/1/96	1947.00		Sa	ample Was O)verloaded	
WBA110101BMA	TRACK #622	11/1/96	5437.00	23.5	100	0.0005	29.94	0.0021
WBA110102MA	TRACK #622	11/1/96	6970.00	25.0	100	0.0004	31.85	0.0018
WBA110103MA	TRACK #622	11/1/96	7170.00	18.0	100	0.0004	22.93	0.0012
WBA110104MA	TRACK #446	11/1/96	5590.00		Se	ample Was O	verloaded	1
WBA110105MA	TRACK #446	11/1/96	5707.00	16.0	100	0.0005	20.38	0.0014

Steven Duhon Analyst Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.

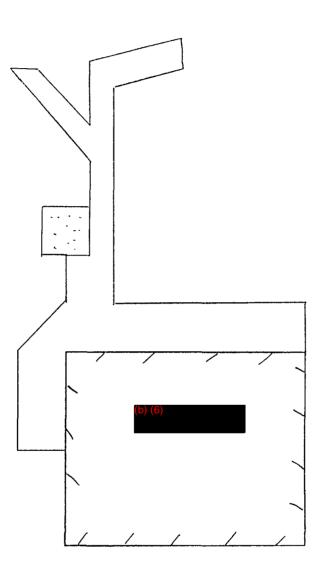
Analysis performed by EMSL of Houston.

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Chkd By	Date		Proj. No.	



WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/18/98 SITE #: 622	ADDRESS:	
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:	~1.5'	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)	1%	
SKETCH OR COMMENTS:		
Aun (b) (6)	Small Chunks A(m(3) house) unda
ТЕАМ МЕ	BERS: MTL / ASB	

005497

07-0622-540

	123
Tracking Number	00-5

FIELD DATA SHEET 1

Occupant: Owner Name, Address, and Phone No. if Different Than Occupant: Same Call owner Delone removes to Nemove Cars Site Description: 1) Description of property (circle): (single home; duplex; business; school; daycare; church; vacant house; vacant lot; other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other se	oite Information:	
Phone No.: Beepen # O(6)	Occupant: (b) (6)	Interviewee: (b) (6)
Owner Name, Address, and Phone No. if Different Than Occupant: Same Call Owner Defore removed to nemove cars Site Description: 1) Description of property (circle): single home: duplex; business; school; daycare; church; vacant house; vacant lot; other duplex; business; school; daycare; church; vacant house; vacant lot; other gate; gate; dogs; other new resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other daycare as the to water septic tank; other daycare as the to water septic tank; other daycare as the to water septic tank; other daycare as the towns on site sketch. How deep? Site Sketch: Concrete Con	Address:	Marrers
Owner Name, Address, and Phone No. if Different Than Occupant: Same Call owner Sefore removed to nemove cars Nemove cars Site Description: 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other sesolution: 2) Problems accessing yards (circle): locked gate; gate; dogs; other north resolution; 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other have a series to sugar size. To sugar size. Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: Concrete C	Phone No.:	Beenen # (6) (6)
Site Description: 1) Description of property (circle): single home: duplex; business; school; daycare; church; vacant house; vacant lot; other vacant house; vacant lot; other resolution: 2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution: 3) Underground utilities installed by owner? (circle): no: water; gas; electric; cable TV; septic tank; other state of angle of the number of the state of angle of the number of t	Owner Name, Address, and Phone No. if Pif.	ferent Than Occupant:
Site Description: 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other second total circle): locked gate; gate; dogs; other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other second ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch: Concrete Concrete Concrete Concrete Concrete Concrete Concrete Concrete Concrete Lyd Comments: Owner will mail i'n access (works night-shift). Remeistant towner wants to know how much will be removed during the part will be under the part will be under the part of the part will be under the part of the part o	_	
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other vacant house; vacant lot; other locked gate; gate; dogs; other north resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other day and the location on site sketch. It was also to sugar solle. 4) Is any underground ACM present? (circle): yes; no; don't know) If yes, note on site sketch. How deep? Site Sketch: Concrete Listington of ACM: 144 Comments: Owner will mail in access (works night-sh.fm). Asmession to much wall st removes during the part of the property of the part of the property of the part o		remove cars
vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other	ite Description:	
resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other		home; duplex; business; school; daycare; church;
Sidewall Sidewall Sidewall Sidewall Concrete Concre	,	ed gate; gate; dogs; other
Estimated Volume of ACM: 149 Comments: Owner will mail in access (works night-sh.km). Henrieston - towner wants to know how much well be removed during the Date/Time of Interview: 10:50 10/36/96 Access Granted (circle): (yes;) no	septic tank; other dsame	age pipe to right side
Estimated Volume of ACM: Concrete		: yes; no; don't know
Comments: Owner will mail in access (works night-shift). Remestone—towner wants to know bown much well be removed dury to Date/Time of Interview: 10:50 10/36/96 Access Granted (circle): (yes;) no	Sidewalk Sidewalk	Concrete Concrete
Comments: Owner will mail in access (works night-shift). Remestone—towner wants to know bown much well be removed dury to Date/Time of Interview: 10:50 10/36/96 Access Granted (circle): (yes;) no	Estimated Volume of ACM: 144	
Date/Time of Interview: 10.30 $10/38/96$ Access Granted (circle): (yes:) no	Comments: Owner will man	il in access (works night-shift)
Date/Time of Interview: 10.30 $10/38/96$ Access Granted (circle): (yes:) no	· Lemestone -	* owner wants to know how the
	Date/Time of Interview: 10:50	10/36/96 Access Granted (circle): (yes;) no
	/ λ	

Tracking Number <u>623</u>

FIELD DATA SHEET 1

Description: 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes) no; don't know If yes, note on site sketch. How deep? Site Sketch: Estimated Volume of ACM: Comments: ALM by admirtural AM have already bears marked. 11/18 1440 approxity access has already bears granted. Date/Time of Interview: 10/24 14150 Access Granted (circle): yes) no AM Team Members: ML/TC Team Members: ML/TC	Site Information:	
Phone No.: Owner Name Address and Phone No. if Different Than Occupant: 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; ale. dogs; other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): vest) no; don't know If yes, note on site sketch. How deep? Site Sketch: Discovery Stock Stock Sketch	Occupant (b) (6)	Interviewee:
Phone No.: Owner Name Address and Phone No. if Different Than Occupant: 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; ale. dogs; other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): vest) no; don't know If yes, note on site sketch. How deep? Site Sketch: Discovery Stock Stock Sketch	Address:	, Marrero, LA 70072
Site Description: 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution: 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): ves; no; don't know If yes, note on site sketch. How deep? Site Sketch: Estimated Volume of ACM: Comments: ALM by pervitude approach been marked. 1/18 1440 approach y access has already been granted. Date/Time of Interview: 10/24 14! 50 Access Granted (circle): yes) no ACM	Phone No.:	
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	Owner Name Address and Phone	No. if Different Than Occupant
2) Problems accessing yards (circle): locked gate; gate: dogs; other	Site Description:	
The Mark already been marked. 11/18 14/40 Date/Time of Interview: 10/24 14! 50 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch. (b) Is any underground ACM present? (circle): [vest] no; don't know If yes, note on site sketch. How deep? Site Sketch: (b) (6) House Lupper House Lupper House Lupper House Lupper House Lupper House Lupper		
Site Sketch: Site Sketch		e): locked gate; gate; dogs; other
If yes, note on site sketch. How deep? Site Sketch:	septic tank; other	
Estimated Volume of ACM: Comments: ACM by Derivative apparently access has already been granted. Date/Time of Interview: 10/24 14:50 Access Granted (circle): (yes) no ACM.		
Date/Time of Interview: 10/24 14:50 Access Granted (circle): yes: no	Estimated Volume of ACM:	(b) (6) Acm Acm
Town Marsham May 15	1	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: Property's Address: (b) (6)	
State/Zip: Marrae La 90072 Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Oct 29 1996 DATE

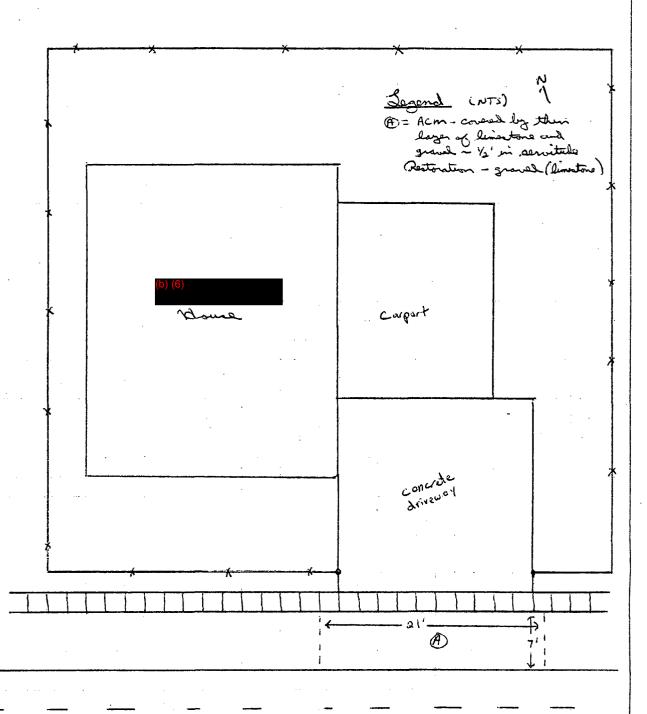
SIGNATURE

Sita# 623

(b) (6)

Site Shotch

1/10/97 2002 m. Nagur



07-0623-530

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENT

07-0623-560

Carle Mass. BY ARR Arber, MO Terment, II.) Plocotsway, NJ \$18-257-1467 AND STREET 313-808-6919 415-870-6401 510.007.7755

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Thursday, January 16, 1997

Ref Number: TX97114

POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS SITE

•			SAMPLE	ASBES	TOS		NONASB	ESTOS	5		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROU\$	*	NONFIBROUS		
WBS268-G01	• • • • • • • • • • • • • • • • • • • •	Tan	Teased	< 1% Chry				100%	Other		
		Non-Fibrous Homogeneous	İ	< 1% Croc	idolit e						
wės623-G01		Tan	Teased	2% Chry	sotile			98%	Other		
	_	Non-Fibrous Homogeneous		< 1% Croc	idolite						
WBS341-G01		Tan	Teased	< 1% Chry	sotile			100%	Other		
		Non-Fibrous Homogeneous		< 1% Croc	idolite						
WB\$607-G01	-	Tan	Teased	5% Chry	sotile				6 Other		
		Non-Fibrous Homogeneous	; ; ; 	< 1% Croc							
WBS608-G01		Tan	Teased	10% Chry	sotile			90%			
		Non-Fibrous Homogeneous		< 1% Croc	idolit a						
WBS608-G02		Tan	Teased	2% Chry	sotile		• • • •	98%	Other		
		Non-Fibrous		< 1% Croc			÷				
		Homogeneous	İ			į					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas

Analyst

Approved Signatory

Discisiment: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed, Floor tites and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Leboratory is not responsible for the accuracy of results when requested to phy eperate and analyze layered samples

07-0623-570

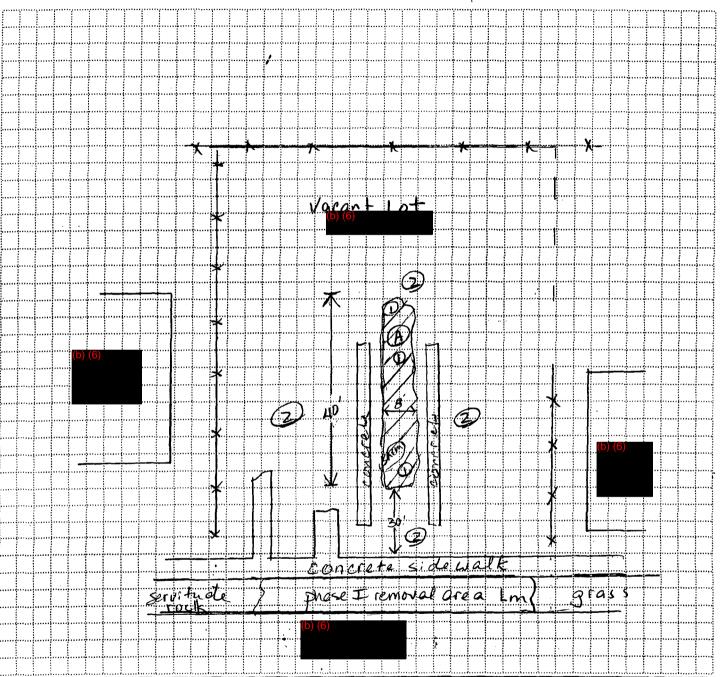


By PM Date 1-13-97 Subject Restoration Site # 623 Sheet No. Chkd. By Date Proj. No.	
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SERVITUDE 12 SAND ROCK	
(b) (6)	
	COMMENTS:
TIVE SILVANDIA PROPERTY	
07-	0623-590

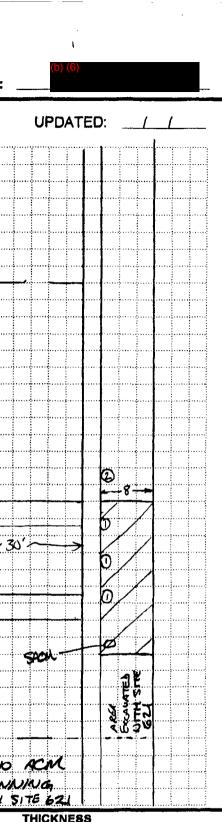
WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/18/98 SITE #: 623		ADDRESS:_ 	(b) (6) ///arrer0
ACM LOCATED BENEATH:	HOUSE SHED	•	
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		= =	
SKETCH OR COMMENTS:	,		
Madam			
ТЕАМ МЕМ	ABERS: MTI	HOUSE SHED CHUNKS POWDER SLAB	

PHASE TUPDATED: 3/11/98



NOTES:	<u> </u>		COVER	THICKNESS
N (NTS)		$\overline{\mathcal{O}}$	3"gross soil	3"ACM
-7		<u> </u>	+6" grass to	soil -
RESTORATION: (A:) 50	1 * sod/sand (4D18)			
C: ARRIVAL: 950	,			07-0624-530 -
DEPARTURE: 10 25	RESTORATION APPROVED BY:	005500	0,WNER	DATE: / /
TEAM: CC 155	DATE		98 A	TOITON



YARD PICKED ON PREVIOUS WESTS WAD NO ACM A REVISIT FOUND ACM IN SERVITURE BEGINNING JUST BEYOND GEOLINER OF AREA EXCHATED NITH SITE 621 THICKNESS COVER of Acm removed with site 621 on or about oct 31,1996 LIMESTONG 2-5" 311 RESTORATION: A: LIMESTONE 07-0624-530 C:

CONCRETE

ARRIVAL: /339 DEPARTURE: /35Ø

RESTORATION APPROVED BY:

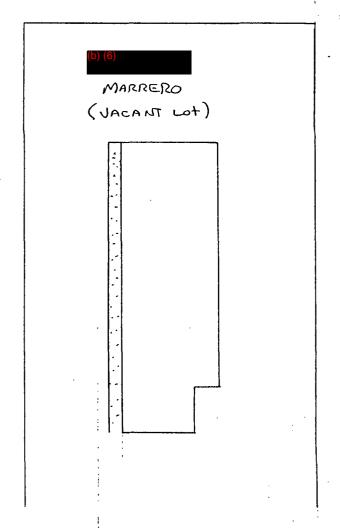
TEAM: GD/KJ

833 2997



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ВуРМ	Date7-27-98	_Subject.	RESTORATION	Site #	624	Sheet Noof	
Chkd By	Date					Proj. No.	



07-0624-590

WESTBANK ÁSBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

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SITE # 624

	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT
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ock Installation (sq.yds.)		,					
od Installation (sq.yds.)							
Concrete Installation (sq. yds.)			·				
. Concrete Installation (sq. yds.)			·				
and Installation (sq.yds.)					128.00	J	
wer Lift Sand							
ock, Brown (cu.yds.)							
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OMMENTS:							
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REPRESENTATIVE SIGNATU	RE					07-0624-5	on

005509

SUB 1 SIGNATURE

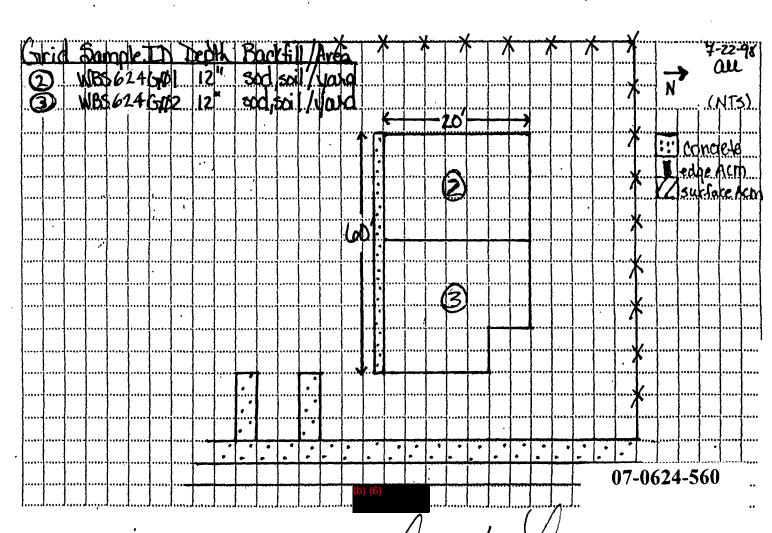
SUB 2 SIGNATURE

SAMPLE ANALYSIS CONFIRMATION MART TRAPS AGGETT

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FYI:	Ravised 8/3/98 ARD
SITE (024 PHI	ADDRESS: (b) (6)
,	Marrero, LA
•	•
THE SAMPLE ANALYSIS RESULTS FOR THE A	BOVE REFERENCED SITE WERE RECEIVED AND EAM ON no analytical as of 7-22-96
WEIGE BANDONIED BY THE OPEN STRICT IN	MY ON 110 at 1004 110 at 1004 110 at 100 110 110 110 110 110 110 110 110 11
BASED ON AN EVALUATION OF THE ANALY ACTION:	IICAL DATA, WE RECOMMEND THE FOLLOWING
MOHOT.	

GRUD#:

A. PROCEED WITH RESTORATION: B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE 005510.

FIELD DATA SHEET 1

Tracking Number 624

Revised 9/19/97

Revised again 2/11/198

Site Information:	Kenvised again 2%
Occupant: Vacant Lot	Interviewee:
Address:	
Phone No	
Owner Name, Address, and Phone No. if Different Than Occupant	
lite Description:	
Description of property (circle): single home; duplex; but vacant house; vacant lot; other	usiness; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; dog resolution:	s; other
3) Underground utilities installed by owner? (circle): no; wate septic tank; other	r; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't If yes, note on site sketch. How deep?	know
Site Sketch:	
SHOW	(b) (c)
SACH	
Estimated Volume of ACM:	
Comments: Acrim sarvitude	
-3-98 (6) (6) sold property after 1st remova	a new owner for phase Il removal (00)
Date/Time of Interview: 1330 9 29 97	Access Granted (circle): (es, no
Team Members: (4) Kel	

10/25/96 10:27 E.P.A. + 8332997

Tracking # 628

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (6)		
Property's Address:	Many	(Uncant lot)	
State/Zip: LA	Phone Number(s):		

I hereby consent to officers, employees, and parties authorized by the United States Savironmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination:
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small buildozers, backhoes, or trackhoes and trucks) on the property;
 - Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Ession BPA will perform. Thus will not	create	Orny Cost	or lindility	to the	property
owner,		- -	(b) (6)		•
10-25-96					
DATE	_ 		SIGN	ATURE	



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WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENTATIVE

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMSL 1997

Attn.: Alma Rillera

Ecology & Environment

11550 New Castle Avenue
Baton Rouge, LA 70816

3175705894

Thursday, October 23, 1997

Ref Number: IN971433

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE INVALOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	NONASI % FIBROUS	BESTOS % NONFIBROUS
WB:3624G01	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite		40% Quartz 58% Other
WB\$1265G01	Brown Non-Fibrous Homogeneous	Crushed	None Detected		20% Quartz 80% Other
WBS1255G02	Brown Non-Fibrous Homogeneous	Crushed	None Detected		20% Quartz 80% Other
WBS1193G01	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		30% Quartz 70% Other
WBS1384G01	Brown Non-Fibrous Homogeneous	Crushed	10% Chrysotile < 1% Crocidolite		40% Quartz 50% Other
WB\$1384G02	Brown Non-Fibrous Homogeneous	Crushed	5% Chrysotile < 1% Crocidolite	· · · · · · · · · · · · · · · · · · ·	40% Quartz 55% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY enmples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved (Signatory

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Disclaimers: PLM has been known to misk asbeelds in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test raport retailed only to the items (ested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the crient to claim product endorsement by NVLAP nor any approx of the United States Government. All "TVLAP" reports with NVLAP logs must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

WESTBANK ASBESTOS ABATEMENT. NEW ORLEANS, LOUISIANA

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SITE	<i>#</i>	624	
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	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					41.00		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand					·		
Rock, Brown (cu.yds.)							_
Rock, Gray (cu.yds.)					14.00		
Sand (cu.yds.)			,	,			
Concrete (cu.yds.)					,		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA				1)			
	Site Sko	etch on E	Back of F	Page			
COMMENTS:							
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5516

SUB 2 SIGNATURE



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Ву_ <i>Р</i> М	_Date_ <u>/0-2/-97</u>	_Subject_	RESTORATION	site #	624	Sheet Noof_	
Chkd. By	Date		•			Proj. No	

(b) (6)

MARRERO (EMPTY LOT)

> ROCK SERVITUDE ROCK

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/18/98 SITE #: 624	ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
	Vacont Lot
TEAM MEMBERS	mil /ASB

005518

07-0624-540

2501 Central Pkwy, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fax: (713) 686-3645

Attn.: Amanda Looney **Ecology & Environment, Inc.** 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, July 28, 1998

Ref Number: TX983584

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG-WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE %	STOS TYPE	*	NONASE FIBROUS	BESTOS %	NONFIBROUS
WBS624G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected			1009	6 Other
WBS624G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile			100%	Other
WBS1870G01		Tan Non-Fibrous Homogeneous	Crushed	2% Chr	ysotile			98%	Other
WBS1870G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotile		•	100%	Other
WBS1910G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotile			100%	Other
WBS984G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotile			100%	Other :

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas **Analyst**

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

ned by EMSL Houston (NM AP Air and Bulk #102106, Texas Dent. of Health #30-0159)

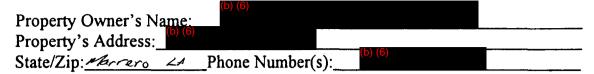
Tracking Number	6 25
Tracking Number	

FIELD DATA SHEET 1

Site information:
Occupant: Interviewee:
Address: Narrero LA
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
same
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: String Control of the
Estimated Volume of ACM:
Comments: Drive way - Limestona Yard - Soil grass Date/Time of Interview: 1334 18/28/145 Access Granted (circle): Ves; no
Date/Time of Interview: 1334 14/28/96 Access Granted (circle): yes; no
Team Members: Greg Day

Tracking # 625

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE



I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SIGNATURE

SIGNATURE

10/28/96

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:				·	
SITE#	625		ADDRESS:	(b) (6)	
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AUTHORIZED EPA/START REPRESENTATIVE Modely \mathcal{E} - Bull

Westmont, NJ Piscataway, NJ 609-858-4800

908-981-0550

Carle Place, NY 516-997-7251

212-290-0052

Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, November 12, 1996

Ref Number: TX962860

POLARIZED LIGHT MICROSCOPY (PLM)

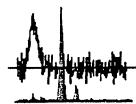
Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE	STOS TYPE	%	<u>NONASE</u> FIBROUS	ESTOS %	NONFIBROUS
WBS 446 01 MA1	TRACK 446 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other
WBS 625 01 MA1	TRACK 625 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile			100%	6 Other
WBS 569 03 MA2	TRACK 569 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chr	•			100%	6 Other
WBS 622 01 MA2	TRACK 622 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chr	rysotile			100%	6 Other
WBS 446 02 MA1	TRACK 446 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1% Chr < 1% Cro	•			100%	6 Other
WBS 449 02 MA2	TRACK 449 GRID	Tan Non-Fibrous Homogeneous	Teased	< 1% Chr < 1% Cro				100%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas **Analyst**

Approved Signatory



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont NJ 609-858-4800

Piscataway, NJ 908-981-0550

516-997-7251

Manhattan, NY 212-290-0052

203-233-9007

Seattle, WA

Ann Arbor, MI 313-668-6810

San Mateo, CA 415-570-5401

Smyrna. GA 404-333-6066 Greensboro, NC 910-297-1487

Houston, TX 713-686-3635

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, November 18, 1996

Ref Number: TX962930

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBESTOS	0.4	NONASB		NONEIDBOUS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS29301MA1	293 SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS29302MA1	293 SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS62502MA1	625	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other
WBS62503MA1	625	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas **Analyst**

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

07-0625-570

Ápproved

Signatory



Houston, TX Greensboro, NC San Mateo, CA Smyrna, GA Seattle, WA Ann Arbor, MI Manhattan, NY Westmont, NJ Piscataway, NJ 713-686-3635 910-297-1487 404-333-6066 203-233-9007 313-668-6810 415-570-5401 212-290-0052 609-858-4800 908-981-0550 516-997-7251

> Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, November 11, 1996

Ref Number: TX962861

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		<u>NONASBESTOS</u>			
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS44601MA1	TRACK 446 GRID	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ct	rysotile			100%	% Other
WBS62501MA1	TIRACK 625 GRID	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile			100%	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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pproved

Signatory





07-0625-590

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WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/18/18 SITE#: 625		ADDRESS:	(b) (6) YMarrero	
ACM LOCATED BENEATH:	HOUSE SHED		•	
APPR. CRAWL SPACE HEIGHT:				
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)	2001-11-11-11-11-11-11-11-11-11-11-11-11-	===		
SKETCH OR COMMENTS:				
TEAM	MEMBERS: MTL /	ASB	a national and an artist and an artist and an artist and artist artist and artist artist and artist artist and artist artist and artist artist artist artist and artist	

07-0625-540

NEW FIELD DATA SHEET 1

Site information:		(L) (O)
Occupant: (b) (6)		Interviewee: (b) (6)
Address:		Marrero
Phone No.		
Owner Memo Addre	se and Phone No. if Diff	ferent Than Occupant:
Site Description:		
Description of pro vacant house; va	perty (circle): single hacant lot; other	home; duplex business; school; daycare; church;
	g yards (circle): locked	ed gate; gate) dogs; other
	ies installed by owner? (ler <u>Doいt know</u> ite sketch.	
	d ACM present? (circle): sketch. How deep?	o: Ves; no; don't know
Estimated Volume of	ACM:	
	·	, 0
Date/Time of Intervie	w: 10/24 10:0	Access Granted (circle): yes; no
Team Members: 7	/mc	

New Site

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(D) (b)			
Property's Address:		M	anew	
State/Zip: LA	Phone Number	(s):	(b) (6)	(b) (6)

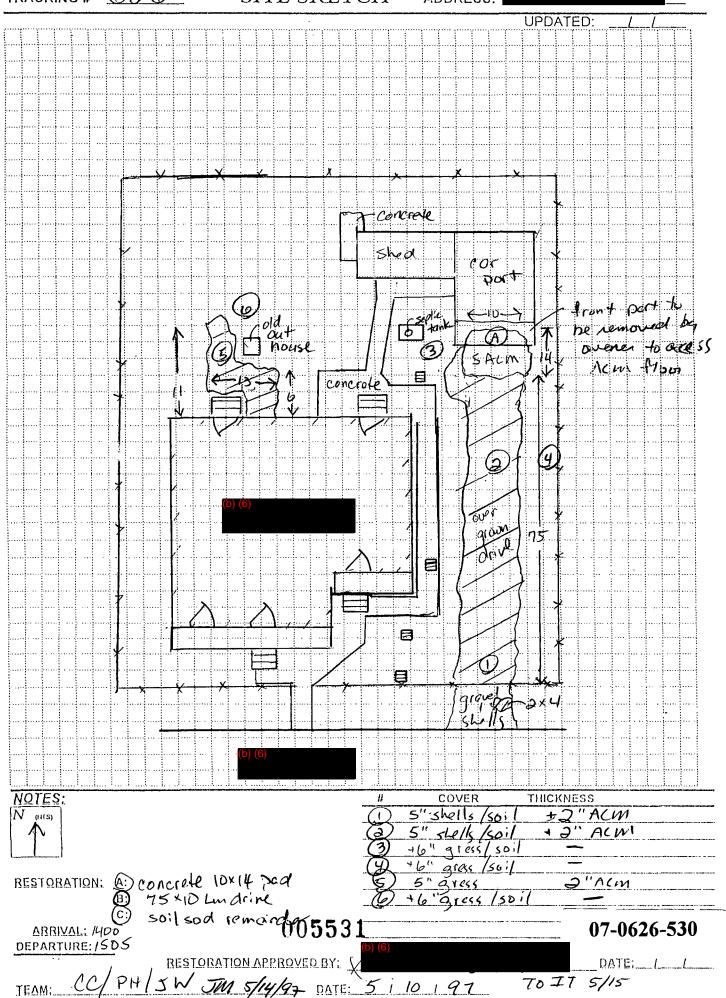
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary,
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1 /0/24/96 DATE (b) (6)
SIGNATURE



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

FYI:			
SITE#	626	ADDRESS: (6) (6)	
		Marrero, LA	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO And, as of 5-28-47

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING **ACTION:**

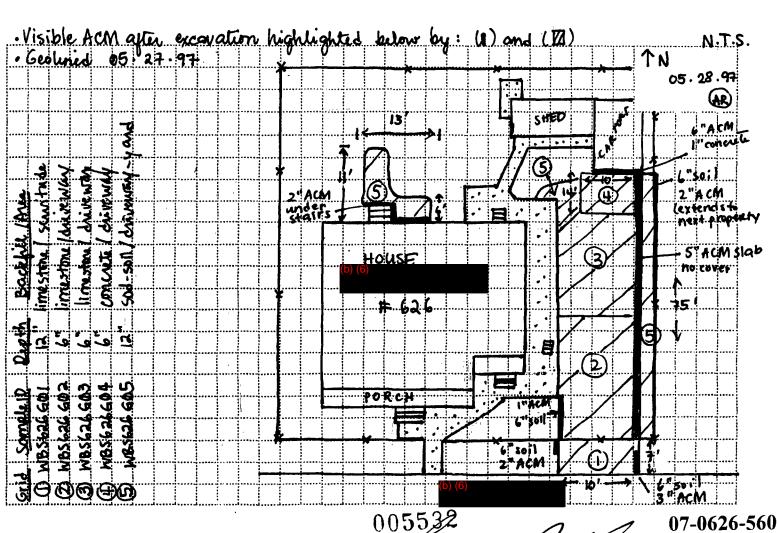
GRID#:

8

A. PROCEED WITH RESTORATION: $\sqrt{\ }$

B. FURTHER ACTION NECESSARY:





AUTHORIZED EPA/START REPRESENTATIVE

Westmond, NJ Placelaway, NJ Carlo Place, NY Manhattan, NY Scattle, WA Adm Arber, MI San Maine, CA Smythe, GA Grounders, NC Mouston, YE 409-455-4500 805-951-46550 516-987-7251 212-290-0052 203-223-5007 313-669-6210 415-575-5401 404-223-4068 910-297-1457 713-665-9623

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, June 02, 1997

Ref Number: TX972040

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 060601RAG1 WESTBANK ASBESTOS

		:	SAMPLE	ASBE			NONASB			
SAMPLE	LOCATION	APPEARANCE	TREATMENT	*	TYPE	%	FIBROUS	%	NONFIBROUS	
SAMPLE WB 2 WBS474G04	(b) (6)	Tan	Teased	10% Chr	ysotile	:	•	89%	Other	
		Fibrous Homogenéous		1% Cro	cido litė		•			
•		i				:			•	
:WBS031G01		Tan	Teased	2% Chr				98%	Other	
		Non-Fibrous Homogeneous		< 1% Cro	cidolite	· .			٠	
*V.		• •		i		-				
ტე) .WB9471G02		Tan .	Teased	< 1% Chi	ysotile .	1	•	100%	Other ¹	
į		: Non-Fibrous		•						
·		'Homogeneous	•	1		;				
•,			•		****	•				
WBS49BG01		Tan	Teased	2% Chr	ysotile	· 1		98%	Other	
		Non-Fibrous							j	
		Homogeneous	•			:				
WBS478G02						•			-	
WBS478G02		Tan	Teased	< 1% Chi				100%	Other	
·		Non-Fibrous		< 1% Cro	cidolita	į.			·	
		: Homogeneous			•	İ				
•			•	•						
WBS626G01		Tan	Teased	< 1% Chi	ysotile	i		100%	Other	
		Non-Fibrous "Homogeneous		:						
			•	·		;				

Comments. For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

Approved Signatory

2

Oleclaimers: PLM has been known to miss asbestos in a small percentage of eamples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wises should be tosted with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any eigency of the United States Government. All "NVLAP" reports with NVLAP togot must contain at least one signature to be valid. Lisboratory is not responsible for the accuracy of results when requested to physically separate and analysis layered earnples.

Lousies, TX Greensborn, NC San Mason, CA Smyras &A Seattle, WA Agu Arber, Mi Carle Place, MY Manhettan, NY ement. NJ 610-207-1487 713-514-3615 415-570-5401 2200-0052 203-231-9007 313-688-6810 618-**337-72**51 BOS-158-4900

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, June 02, 1997

Ref Number: TX972040

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 060601RAG1 WESTBANK ASBESTOS

		•	SAMPLE	ASBE	STOS				
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS626G02	0) (6)	:Tan	 Teased	5% Chr		:	•	94%	6 Other
		Non-Fibrous Homogeneous		1% Cro	cidolit a	!			f
WB\$62 6 G03		Tan	Teased	2% Chr	•		•	98%	6 Other
		Non-Fibrous Homogeneous		< 1% Cro	cidolite	!			
•		ا بنده کرد. از بنجیم		i					
WBS626G04		Tan Non-Fibrous	Teased	< 1% Chr	ysotlie	:		100%	6 Other
		· Homogeneous	··•	1					•
WBS10B G01		Tan	Teased	2% Chr < 1% Cro		:	•	98%	6 Other
; ;		Non-Fibrous Homogeneous							•
WBS1083G02		Tan	Teased	. < 1% Chr	ysotile			100%	Other :
		Non-Fibrous Homogeneous				i			•
•		***************************************	•	:	-	Ļ			:
WB\$1083G03		Tan:	Teased	< 1% Chr	ysotile	1	•	100%	6 Other
		Non-Fibrous Homogeneous		1					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately, Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

Approved Signatory

3

Discisimers: Pl M has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tites and wipes should be tested with either SEM or TEM. The above test report relates only to the sems tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to cleim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmoon, NJ Piscalawky, NJ Carle Pisca, NY Munhaitan, NY Sestile, WA Ann Arbor, MI San Marse, CA Emptys, GA Greensberg, NC Soution, YA 508-558-4500 808-851-5586 516-867-7251 212-280-0052 203-233-5007 313-568-5210 415-578-5401 404-332-4088 810-287-1457 718-286-3835

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, June 02, 1997

Ref Number: TX972040



POLARIZED LIGHT MICROSCOPY (PLM)

Project: 060601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBESTOS		NONASE	ESTOS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	% NONFIBROUS
WBS626G05	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite	i :		100% Other
WBS026G01		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
:WBS026G02		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			_100% Other
;WBS026G03		: Tan Non-Fibrous Homogeneous	Teased	2% Chrysotlie < 1% Crocidolite			98% Other
WBS028G04		Tan ¡Non-Fibrous Homo gene ous	Teased	< 1% Chrysotile			100% Other
WBS026G05		Tan Non-Fibrous Homogensous	 Teased	< 1% Chrysotile < 1% Crocidolite			100% Other

Comments. For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

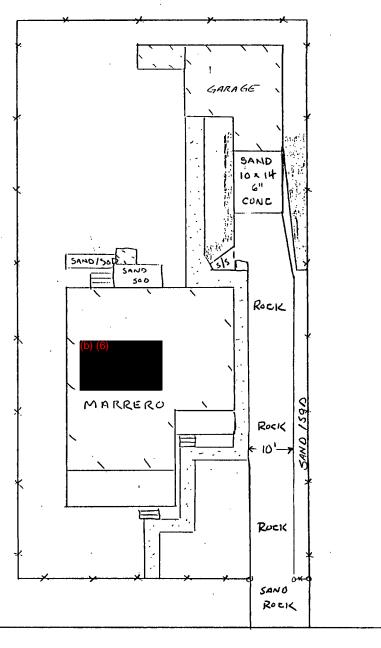
Approved Signatory

Disclaimers, PLM has been known to miss asbeatos in a smell percentage of samples which contain asbeatos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be losted with either SEM or TEM. The above last report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above tast must not be used by the clinic to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze leyered samples.

5



By _____ Date _____ Subject _____ Sheet No.____ of _______ Proj. No. _______



(b) (6)

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

R	ES	TO	RA	TI	ON	FO.	17/	/
			/ \/ \		_,,			,,

SITE#	626

	DATE	DATE	DATE	DATE				
					EST. QTY.	ACTUAL QTY.	ACT. COMP.	
Rock Installation (sq.yds.)					97 0.0			
Sod Installation (sq.yds.)					35. ⁵⁰			
6" Concrete Installation (sq. yds.)			,		15. ⁵⁰			
					13			
4" Concrete Installation (sq. yds.)							-	
Sand Installation (sq.yds.)					64,55		-	
Lower Lift Sand			-					
Rock, Brown (cu.yds.)								
Rock, Gray (cu.yds.)					ZZ . ⁵⁰			
Sand (cu.yds.)					20.02			
Concrete (cu.yds.)					3.00			
Plastic Edging (ft.)								
Walkway Rock Inst. (sq.yds.)						1		
Topsoil (cu.yds.)								
EXTRA								
•	Site Ske	etch on B	ack of P	age '				
COMMENTS:					I			
					ı			
IT REPRESENTATIVE SIGNATU	RE							
SUB 1 SIGNATURE					0.7	7-0626-590		
SUB 2 SIGNATURE		U(5537		U/~UU <u>4</u> U~J/V			

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8-25-98</u> SITE #: \$\b\lambda \left \b\lambda \left \b\lambda \left \b\lambda \left \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		ADDRESS:_ - -	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
Can Amark 8:12.98			
TEAM ME	MBERS ASBID	1 /	

4/28/98 when came by + Iold START that Acm had been exposed near rear of property.

Tracking Number <u>(027</u>

N€W FIELD DATA SHEET 1

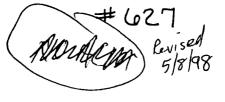
180 Black Levised 5/8/98

Site Information:	
Occupant: VACANT LOT	Interviewee:
Address:	Marrew
Phone No.: (b) (6)	7
Owner Name Address and Phone No. if Different Than Occi	unant [.]
Site Description:	
Description of property (circle): single home; duplex vacant house; vacant lot; other	; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; resolution:	dogs; other <u>No</u>
3) Underground utilities installed by owner? (circle): no; septic tank; other	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no: If yes, note on site sketch. How deep?	don't know
Site Sketch: SACM near Cear of P Passible ACM 8.	roparty!
15,	O FIRE Hydrant
(b) (6)	1"
Estimated Volume of ACM:	
Comments: NO ACM visible. Possibly 6" was an old garage to	inderground, but more was found hat has been removed.
Date/Time of Interview: 10/24 09.55	Access Granted (circle): (yes;)no
Team Members: Telmu nace	ar

· iiilid th



CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE



Property Owner's Name:
Property's Address:
State/Zip: 4,20072 Phor

Phone Number(s). (b) (6)

empty lot main

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

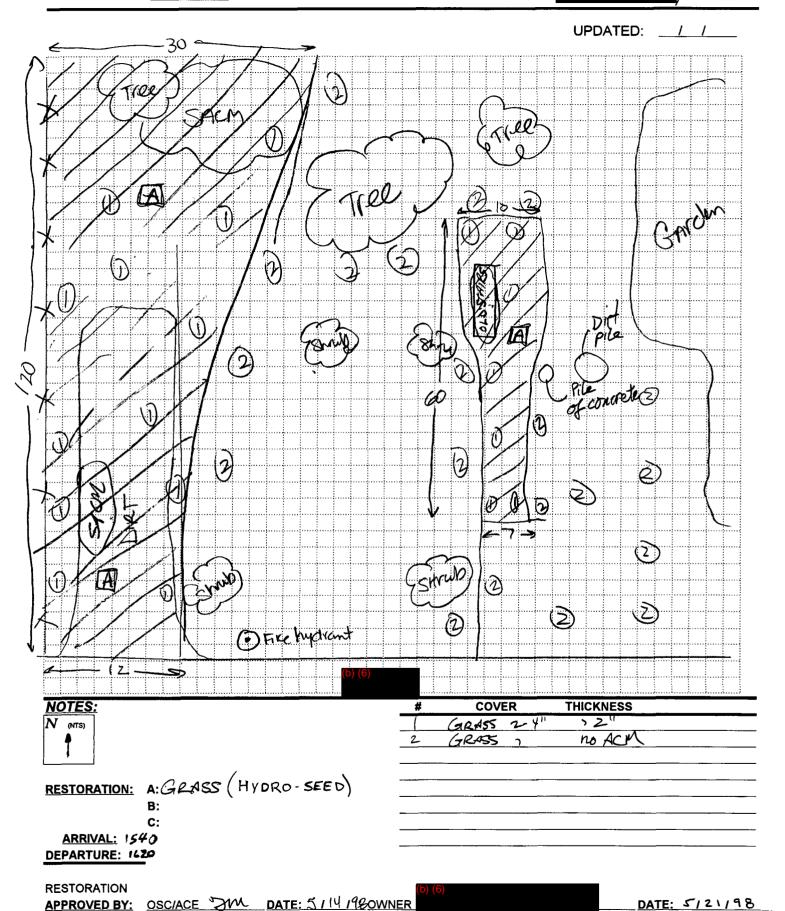
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96 DATE

/SIGNATURE

07-0627-520

07-0627-530



005541

TO IT DATE: 5/21/98 (*)

TEAM: GD/CVM DATE: 518198

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

FYI:				U	o) (6)	·					Ī
SITE# 62/			ADD:	RESS:							į
THE SAMPLE ANALYSIS RESULTS FO									AND	-	
WERE EVALUATED BY THE USEPA S BASED ON AN EVALUATION OF THE					•					<u>.</u>	
ACTION: GRID#:	1		3		5		7	8	vii (O	'	
A. PROCEED WITH RESTORATION: _		/		<u>/</u>			V				
B: FURTHER ACTION NECESSARY: _						 .			11. AR)	
GEOLINED: 6-5-98	· · · · · · · · · · · · · · · · · · ·					7 *** * * *	· ; · · ; · ·	D. Al	13/9	5	
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6" soil/Asphali		b) (6)	181				355	8 8 3	5,5	55.	Backer'll/Amea
AUTHORIZED EPA/START REPRESENT			dy 1.	Chris						•	The same of the sa
AUTHORIZED EFNSTART REFRESEN	IWIIAI		5542			_ 0	7-062	27-560) .		

6330 E. 7501 St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 370-5894 EMSL

Attn.: Jody Shires Scalegy & Environment 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, June 05, 1998

Ref Number: IN981798

POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/116 Method*

Project: 020401 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	ZAMPLE TREATMENT	ARRESTOS % TYPE	% <i>I</i>	NONABBESTOS FIBROUS X	NONFIEROUS
W88823G01	(b) (6)	Brown Non-Pibrous Homogeneous	Crushed	None Detected		1004	K Other
WB91954G01		Brown Non-Fibrous Homogeneous	Crushed	5% Chrysotile		95	6 Other
WB9627G01		Brown Non-Fibrous Homogenaous	Crushed	None Detected		100	% Other
W88627G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Croeklatta		100	6 Other
WB8627G03		Bruwn Non-Fibrous Homogeneous	Crushed	5% Chrysotile		95	N Other
WB8827G04		Brown Non-Pibrous Hemogeneous	Crushed	3% Chrysotile		97	% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "if of Layers" refers to number of separable subsemples.

* NY samples also analyzed by ELAP 198-1 Method

07-0627-570

Lee Harbour Analyst

claiment: PLM has been known to mise subsette in a emell percentage of samples which contain extention. Thus negative PLM results cannot purpose. Samples reported as <1% or none detected should be tasted with either SSM or TEM. The above test report retains only to the items so, This report may only be reproduced in pert with whiten approval by EMSL. The above test must not be used by the dispert to claim product or segment by NVLAP nor any agency of the United States Covernment. All "NVLAP reports with NVLAP logo must contain at least one signature a valid. Laboratory is not responsible for the scourscy of results when requested to physically separate and analyze layered complex.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-8,)

6330 E. 75th St., Suite 132 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894 EMSI

Astn.: Jody Shires Ecology & Environment 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Friday, June 05, 1998

Ref Number: IN981798

POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

Sample	LOCATION	APPEARANCE	SAMPLE TREATMENT	ARRES %	TOB TYPE	*	HONASE FIBROUS	# <u>\$108</u>	NONFIBROUI
WB\$627G05	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	Non	e Detected			100%	Other .
W88627Q08		Brown Non-Fibroue Homogeneoue	Grushed	< 1% Chr)	rectile			100%	Other

Comments: For all obviously haterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# c Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Mathod

Analyst

Approved Signatory

rs: PLM has been known to mise asbestor in a satual percentage of samples whom consum assumance. How improve that report of the later faced. Samples reported as 41% or noise detacled should be teated with either SEM or TEM. The shows that report may only be reproduced in part with written approval by EMSL. The shows test must not so used by the client to claim product are by NVLAP nor any agency of the Linked States Government. All "NVLAP" reports with NVLAP logo must contain at teast one alignature.

I advantage is not recommended for the accuracy of results when requested to physically expected and analyze levered samples.

4350 Z. 75th St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892 Fex: (517) 570-5894

Attn.: Jody Shires

Ecology & Environment 11550 New Carde Avenue

Selte 250

Baton Rouge, LA 70816

Tuesday, June 09, 1998

Ref Number: IN981841

POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/116 Method*

Project: 020401 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASPESTOR % TYPE	<u>NOMASBESTOS</u> % FIBROUS % NONFIBROUS
WB8191981	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysolile	98% Other
W83191982		Brown Non-Pibrous Homogeneous	Crushed	5% Chrysottie	95% Other
WB8191983		Brown Non-Pibrous Homogeneous	Crushed	2% Chrysottle < 1% Credidalite	98% Other
WB8627G07		Brown Non-Fibrous Homogeneous	Crushed	None Detected	100% Other
W88627G08		Brown Non-Fibrous Homogeneous	Crushed	None Detected	100% Other
WB81690G04		Brown Non-Fibrous Homogeneous	Crushed	10% Chrysotile < 1% Crocidolite	90% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is enalyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELIAP 198-1 Method

Lee Harbour Analyst Approved Signatory

Disclaimens: PLM has been known to mise aspector in a small percentage of samples which contain aspector. Thus negative PLM results cannot be guaranteed. Surregion reported as 41% or name detected wheath be tested with either SIBM or TIBM. The above test report seases only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the claim't a claim, produce andorsement to NVLAP negots with NVLAP logo must contain at least one algoritor to be walld. Laboratory is not responsible for the accuracy of results when requested to physically separate and another leyered segments.

Analysis performed by WMSL Indianapolic (NVLAP Air and Skilk #200168-0,)

07-0627-570

EMSL Analytical, Inc.

6338 S. 7308 Sh., SHIEL 132 Indianavolis, IN 46250

Phone: (317) 570-3892

Fax: (317) 370-5894

Apps.: Jody Shires Scalegy IX Savironment 11550 New Castle Avenue

Suka 250 Baton Rouge, LA 70816 Friday, June 05, 1998

Ref Number: 1N981798

POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/116 Method*

Preject: 020401 WESTBANK ASBESTOS

•	, SAMPLII	LOCATION	APPEARANCE	RAMPLI TREATNEHT	ARRASTOR W TYPE	*	HOMA PRESTOR	MONFIBROW
V	W88629901	(b) (6)	Brown Non-Pibroue Homogeneous	Crushed	None Detected		100	6 Other
✓	WB81984G01		Brown Non-Fibrous Homogeneous	Crushed	5% Chrysotile		96	6 Other
/	WB9627G01		Brown Non-Pibrous Homogeneous	Crushed	None Detected		100	N. Other
•	WB\$427G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottie < 1% Grootdelin		100	N Other
	WR9627905		Brown Non-Fibrous Homogeneous	Crushed	5% Chryeutile		96	N Other
J	W\$\$627G04		Brown Non-Plarous Hernegeneous	Cruehed	316 Chrysotlie		97	N Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for tayered samples, each component is analyzed separately. Also, "# (Layers" refers to mumber of separable subsernates.

* NY semples also analyzed by ELAF 195-1 Method

Lee Harbour

Analyst

Stenatory

ed. Semples reported as <1% or none detected should be setted with either SEM or TEM. The above test report relates only as the layers report may early be reproduced in part with written approval by SEMSL. The above test must not be used by the oldest to claim product it by NVLAP not any approval the claim product at by NVLAP not any approval the claim setters. All reports with NVLAP logs must one the used on a signature Laboratory is not reported in the reports and arealy approved the secretary of results when requested to physically segarate and arealysis inserted services.

rmed by EMSL Indianopolis (NVLAP Air and Bulk #9001AS-0,)



EMSL Analytical, Inc.

6330 E. 75th St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894 EMSI

Aztn.: Jody Shires

Ecology & Environment 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, June 05, 1998

Ref Number: IN981798

POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

	SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	488	TYPE	%	MONASE FIBROUS		NONFIBROUS
	WBS627G05	(6)	Brown Non-Fibrous Homageneous	Crushed	No	ne Detwoted			100%	Other
1	WB\$627Q08		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	ryeotije			100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refere to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Analyst

Approved Signatory

EMSL Analytical, Inc.

0330 E. 75th St., Suite 132

Indianapolis, IN 46250

Phone: (317) 570-5892



Attn.: Jody Shires

Ecology & Environment 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, June 05, 1998

Ref Number: IN981799

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

Project: F68209 - W.A.R.P.

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm²	fibers/cc
627P521		6/2/98	914.00	2.0	100	0.003	2.55	<lod< td=""></lod<>
					<u> </u>			

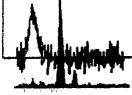
Jane Wasllewski

Analyst

Approved

LOD = Limit of Detection. The method assumes the lowest detection concentration is 7 fibers/mm² and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is not responsible for fibers counted in fibers/mm² or fibers/cc, which are dependent on volume collected by non-laboratory personnel. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0,)





AMES

104

> HARVEY (VACANT Lot) 0212 SAND SAND

> > (b) (b)

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

RESTORATION	N FORIV
-------------	---------

SITE# 627

	DATE	DATE	DATE	DATE			
•					EST. QTY.	ACTUAL QTY.	ACT.
Deale Installation (seconds)						<u> </u>	
Rock Installation (sq.yds.)						1	
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)			· .				·
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					561.5 <u>0</u>		
Lower Lift Sand							
Rock, Brown (cu.yds.)							-
Rock, Gray (cu.yds.)						·	
Sand (cu.yds.)					234.°°	· · · · · · · · · · · · · · · · · · ·	
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA			·		٠	,	
	Site Ske		ack of P	age	A		
COMMENTS:					b		
IT REPRESENTATIVE SIGNATU	RE	· · · · · · · · · · · · · · · · · · ·		<u></u>		07-0627-	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: $\frac{7/24}{98}$ SITE #: $\frac{627}{}$		ADDRESS: Thanks
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
No	Va	cant Lot
TEAM MEI	MBERS: 12 L/	175

005551

Tracking	Number	10	28	

FIELD DATA SHEET 1

Site Information:	(1) (2)
Occupant:	Interviewee (b) (b)
Address:	Harvey 70058
Phone No.:	
Owner Name, Address, and Phone No. if Different T	Than Occupant:
Site Description:	
1) Description of property (circle): single home; vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other none
Underground utilities installed by owner? (circle) septic tank; other Note location on site sketch.	: no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?) no; don't know undergrass
Site Sketch: Carport Carport Carport Carport Carport Carport Carport Carport Carport Carport Carport Comments: backfill: limestone	electricity electricity pipe thouse
Date/Time of Interview: 1025/96 114	Access Granted (circle): (es;) no
Team Members: WUTC	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)	
Property Owner's Name:_	
Property's Address:	WEST WEGO
State/Zip: <u>LA 70094</u> Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary,
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3 The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

May 13, 1997
DATE

SIGNATURE/

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (8)	
Property Owner's Name:	
Property's Address: Haruly	
State/Zip: <u>(a, 76058</u> Phone Number(s):	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

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This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-25-96 DATE

SIGNATURE

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	e : :	
SITE# 628	ADDRESS: (b) (6)	
The second secon	Harvey, LA	

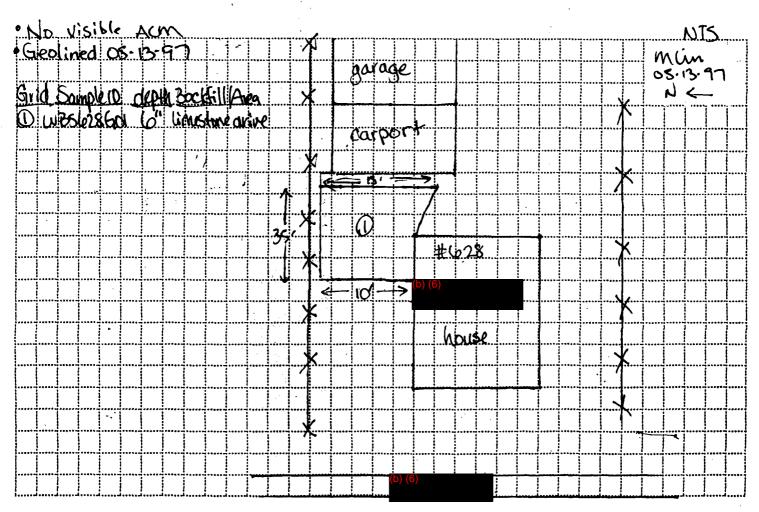
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical as of 05-13-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



TIVE _au May

06-0628-560

AUTHORIZED EPA/START REPRESENTATIVE ___

Westmont, NJ Placetaway, NJ Carle Place, NY Numbertan, NY Seattle, WA Ann Arbor, MI San Mates, CA Benyria, MA Greensbern, NC Hunsten, YX 908-255-6500 908-255 516-687-7251 212-220-0052 203-223-5007 313-465-4910 415-576-5401 484-223-6665 919-257-1-667 713-486-3425

EMSL

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

7136863645

Monday, May 19, 1997

Ref Number: TX971762

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASBE	STOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS175G46	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chi < 1% Cro	•	: : :		100%	Other
WBS175G47		Tan Non-Fibrous Homogeneous	Teased	< 1% Chi	ysotile	:		100%	Other
WBS175G48		Tan Fibrous :Homogeneous	Tessed	10% Chi 2% Cro	•	i ! !		88%	Other
WBS175G49		Tan Non-Fibrous Homogeneous	· Teased	< 1% Chr	rysotlie			100%	Other .
WBS435G01		Brown Fibrous Homogeneous	Teased	2% Chi < 1% Cro	-			98%	Other
WB\$628G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chi	rysotile	•		100%	Other

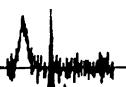
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples,

06-0628-570

Arthur Hernandez, Analyst

005557

Approved Signatory



Disclaimers: PLM has been known to miss eabestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor entry egency of the United States Government. At NVLAP has been with NVLAP logor must contain at seast one signature to be valid. Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



ROCK

06-0628-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

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٠.	 •	<i>1</i>		m ,	10	, i w	, ,	1 111	

SITE# 628

SUB 1 SIGNATURE SUB 2 SIGNATURE		00555	9,7,7,7	•		06-0628-5	90 ——
T REPRESENTATIVE SIGNATU	RE	<u> </u>					
			· · · · · · · · · · · · · · · · · · ·		**************************************		
COMMENTS:							
	Site Ske	tch on B	ack of P	Page			
EXTRA					· · · · · · · · · · · · · · · · · · ·		
opsoil (cu.yds.)							-
Valkway Rock Inst. (sq.yds.)							
Plastic Edging (ft.)							
Concrete (cu.yds.)		+					
and (cu.yds.)							
łock, Gray (cu.yds.)					14.50		
cock, Brown (cu.yds.)							
ower Lift Sand							
and Installation (sq.yds.)							
" Concrete Installation (sq. yds.)					er i		
" Concrete Installation (sq. yds.)							
od Installation (sq.yds.)							ļ
ock Installation (sq.yds.)					53.≌		
					EST. QTY.	ACTUAL QTY.	ACT COM!
	DATE	DATE	DATE	DATE			

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/20/95 SITE#: 628		ADDRESS: Harvey
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		
SKETCH OR COMMENTS:		
NoAcm		
TEAM MEN	MBERS: MIL	2(A

: **55**60

06-0628-540

Tracking Number	629
-----------------	-----

FIELD DATA SHEET 1

Site Information:	
Occupant:	Interviewee: (b) (6)
Address:	larvey
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Dif	ferent Than Occupant:
Site Description:	
Description of property (circle): single vacant house; vacant lot; other	home; duplex; business; school; daycare; church;
Problems accessing yards (circle): locker resolution:	ed gate; gate; dogs; other APPL
3) Underground utilities installed by owner? septic tank; other Note location on site sketch.	
4) Is any underground ACM present? (circle) If yes, note on site sketch. How deep?	: (yes) no; don't know 4 malen grass
Site Sketch: ACT Con (b) (6)	crete House (5) (6)
Estimated Volume of ACM:	
Comments: ACM is buried und	in grass Backfill: grass
Date/Time of Interview: 10/25/96	Access Granted (circle): (yes;) no
Team Members: MUTC	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name
Property's Address:

State/Zip: Hawl Jan
Phone Number(s):

10058

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my propert for the following purposes:

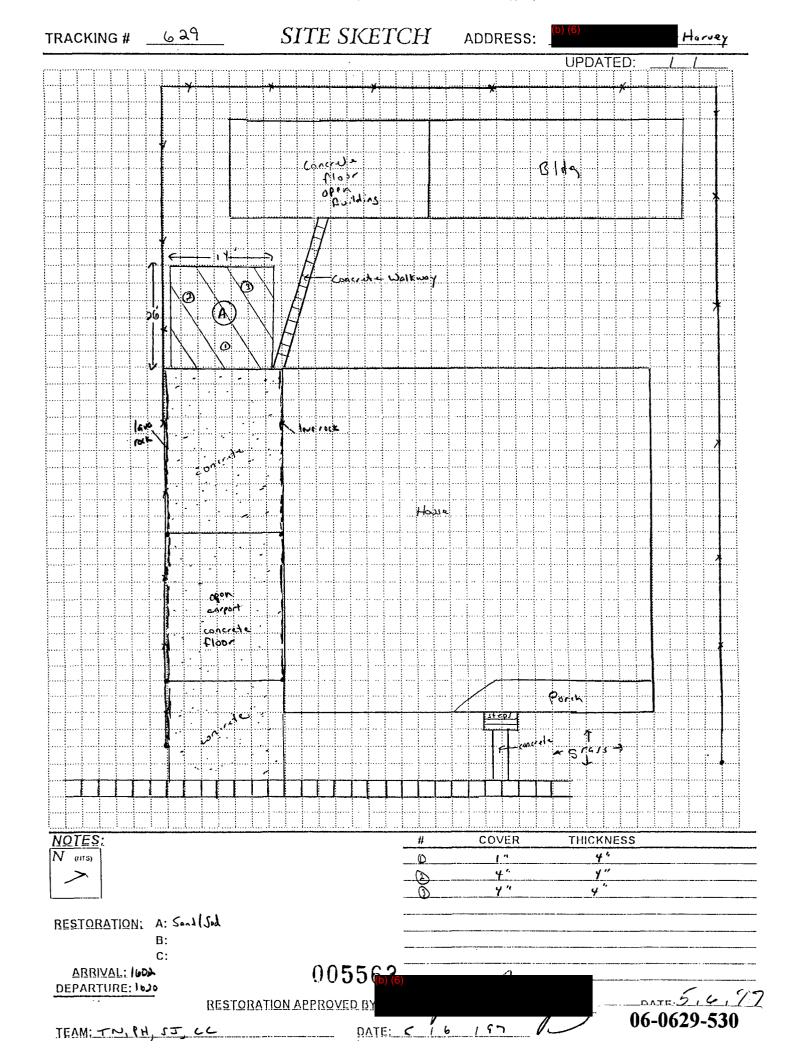
- 1. The taking of such soil, water and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination;
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/25/96 DATE

SIGNATURE



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	<i>;</i> •	· : .	
SITE#	629	ADDRESS: (b) (6)	
•		Harvey, LA	

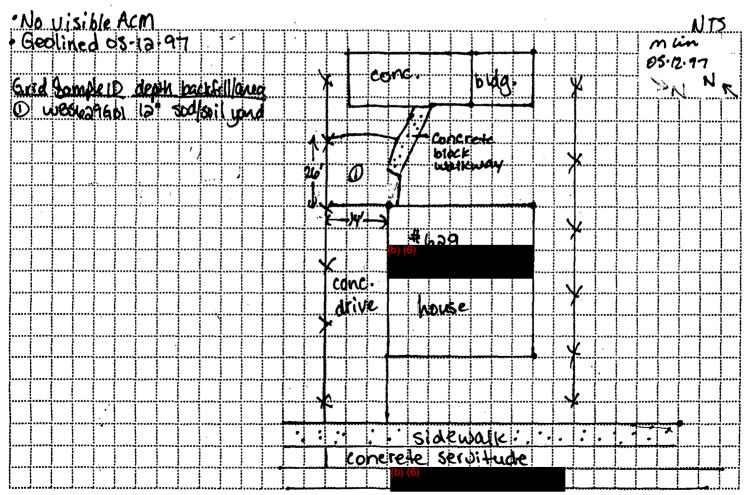
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical as of 5-12-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



:105564

AUTHORIZED EPA/START REPRESENTATIVE Albun

06-0629-560

Dustmost, NJ Piscesovay, NJ Carle Pisce, NY Mandration, NY Sentife, WA Ade Arbor, NI San Maise, CA Smyrmb, SA Greensberg, NC Moneton, NX 450-855-8550 SIE-857-7751 212-250-0682 203-223-8537 315-865-4515 415-575-5471 456-322-4568 919-287-1487 713-469-9615

EMS

Ecology & Environment, Inq. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Friday, May 16, 1997

Ref Number: TX971749

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE		STOS		NONASE	=	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS175G30	(b) (b)	Brown	Teased	3% Ch	rysotilė			97%	6 Other
		Fibrous Homogeneous							
WBS178G31		Brown Non-Fibrous Hornogeneous	Teased	i < 1% Ch	rysotile			100%	6 Other
·WBS175G32		Brown	Teased	< 1% Ch	rysotile	·		100%	6 Other
,		Non-Fibrous Hamogeneous			130000 011	. <i>i</i> .		•	
WBS175G33			∴ ∵Teased	< 1% Ch	rvsotile	:		100%	6 Other
		Non-Fibrous Homogeneous		< 1% An	•				
'WB\$629G01		· Brown Non-Fibrous · Homogeneous	'Teased	< 1% Ch	rysotile			100%	6 Other
WB\$337G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Ch	rysotile	•		1009	6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas Analyst

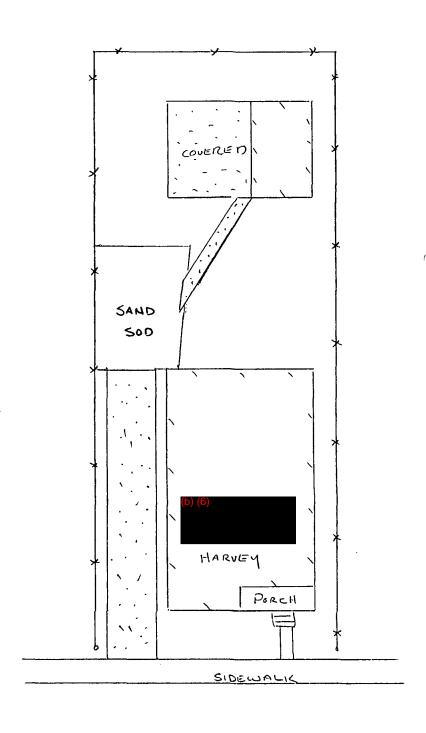
Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be leated with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP log must contain at least one signature to be verild. I aboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

2



By PM Date 5-14-97 Subject Res for 4 10N 5145 # 629 Sheet No. of ______ Proj. No. ______



WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

06-0629-590

SITE# 629

	DATE	DATE	DATE	DATE			
1, 1 1, 1 1, 1		, ,			EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					-		
Sod Installation (sq.yds.)	- -				44,00		
6" Concrete Installation (sq. yds.)		,					
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)	j .				44. ¹²²		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					17.82		
Concrete (cu.yds.)							
Plastic Edging (ft.)	i						
Walkway Rock Inst. (sq.yds.)	1						
Topsoil (cu.yds.)							
EXTRA							
· -	Site Ske	etch on B	ack of P	age			
COMMENTS:							
	:			·····	- • •		
				·			
IT REPRESENTATIVE SIGNATUI	RE						· · · · · · · · · · · · · · · · · · ·
SUB 1 SIGNATURE						06.0630	* ***********************************

005567

SUB 2 SIGNATURE

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/20/98 SITE #: 629		ADDRESS: (b) (6) Harrey
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
No Acm		

TEAM MEMBERS:

MIL JASIS

06-0629-540